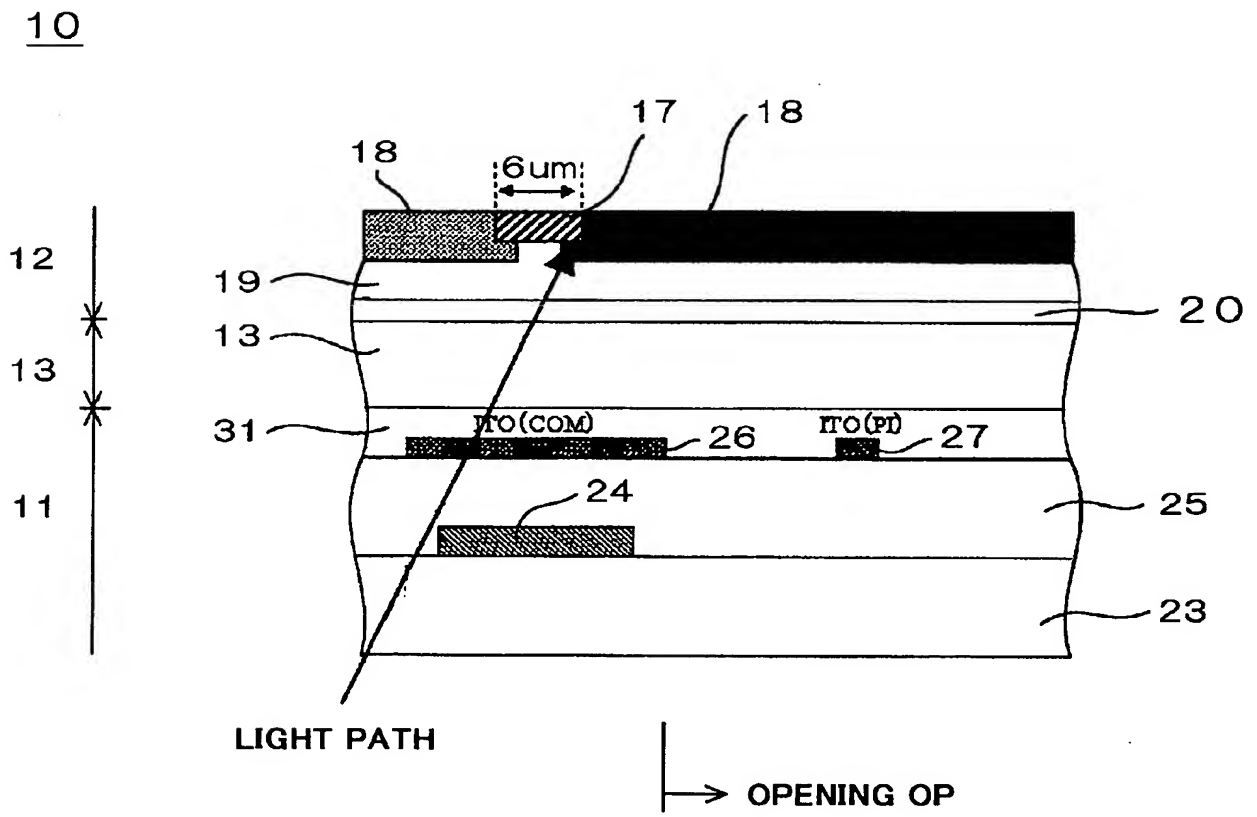




FIG.2



**FIG.3**

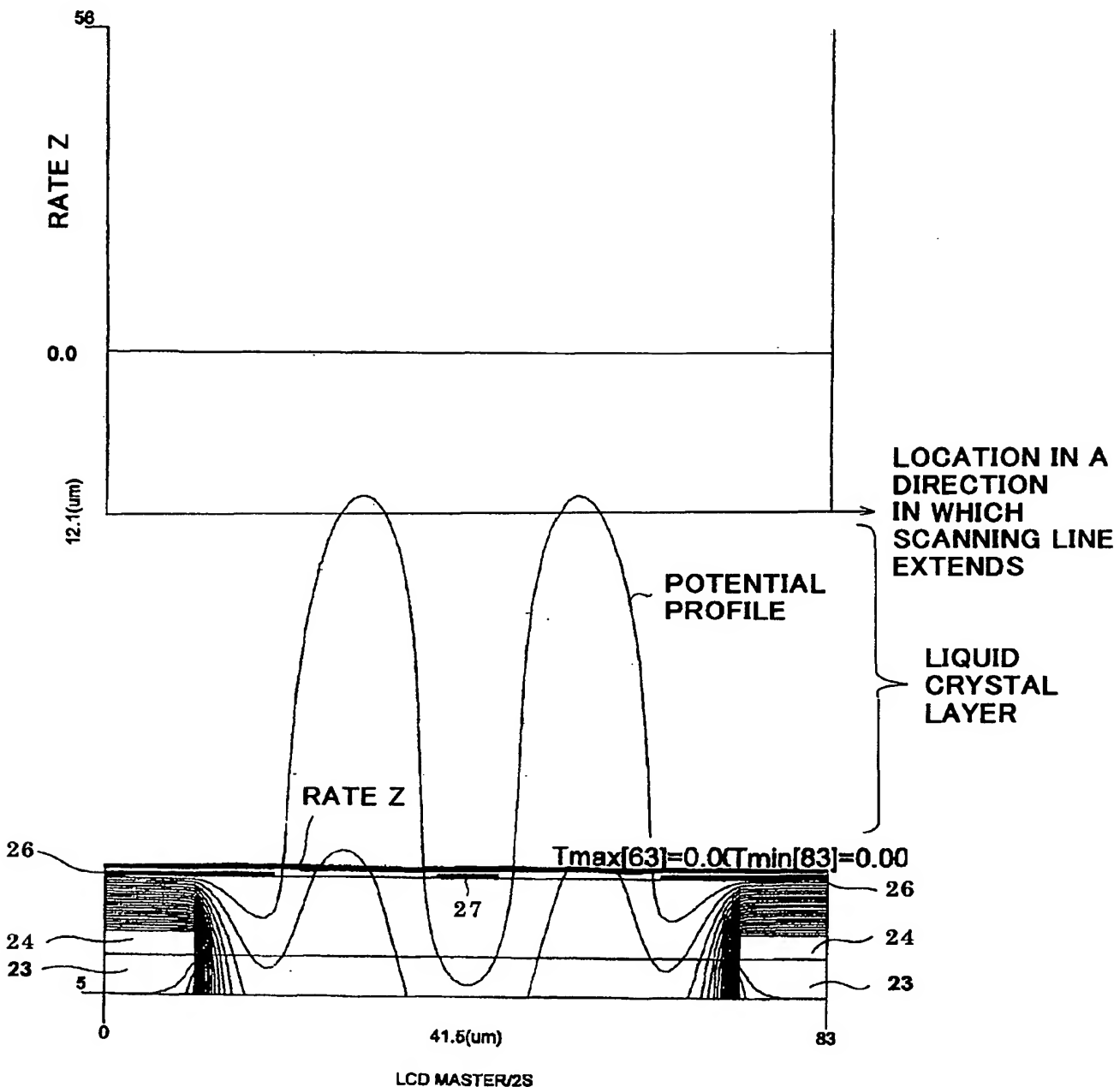


FIG.4

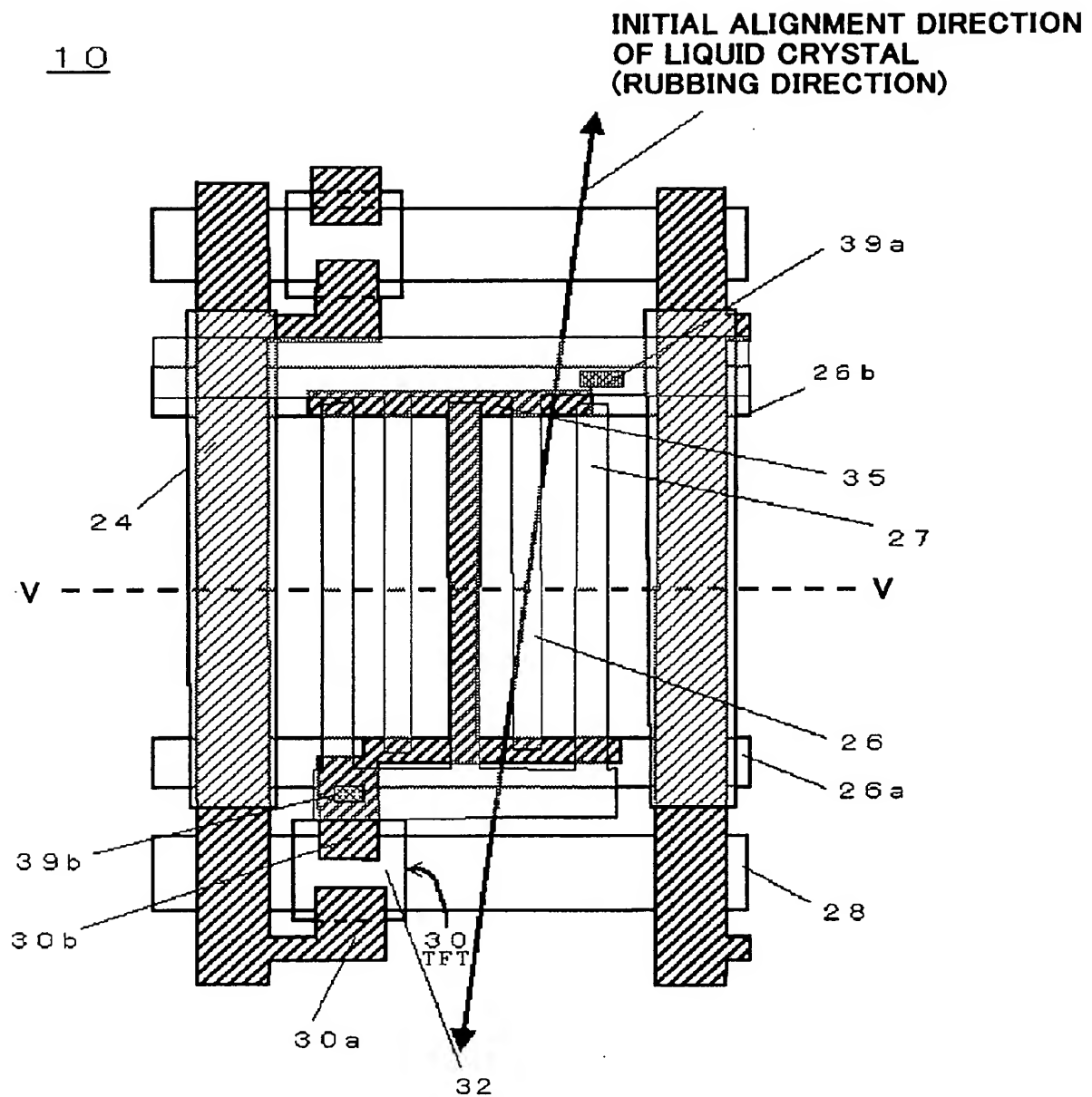


FIG.5

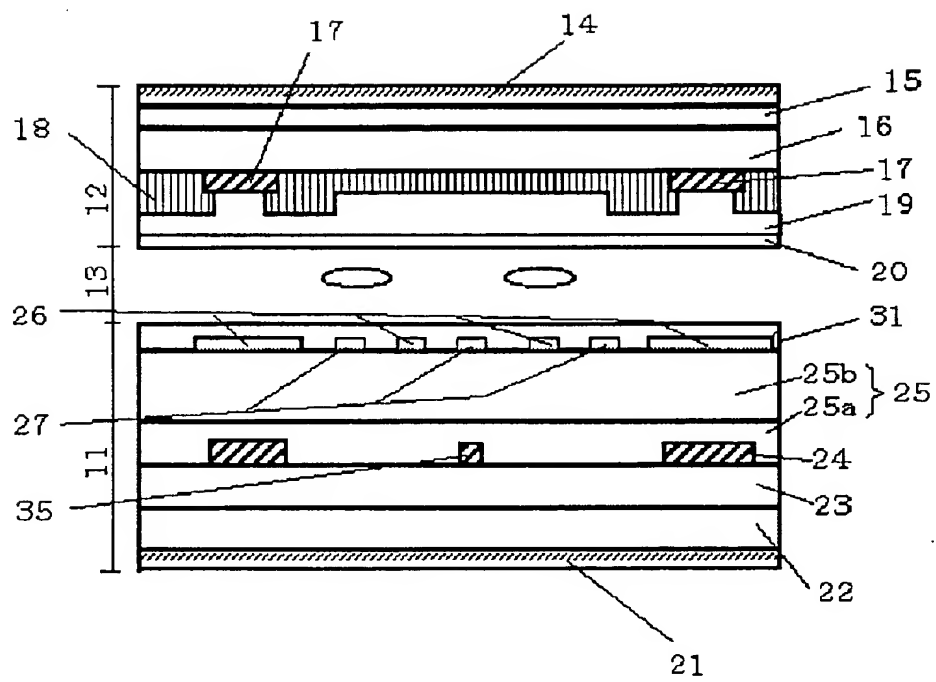
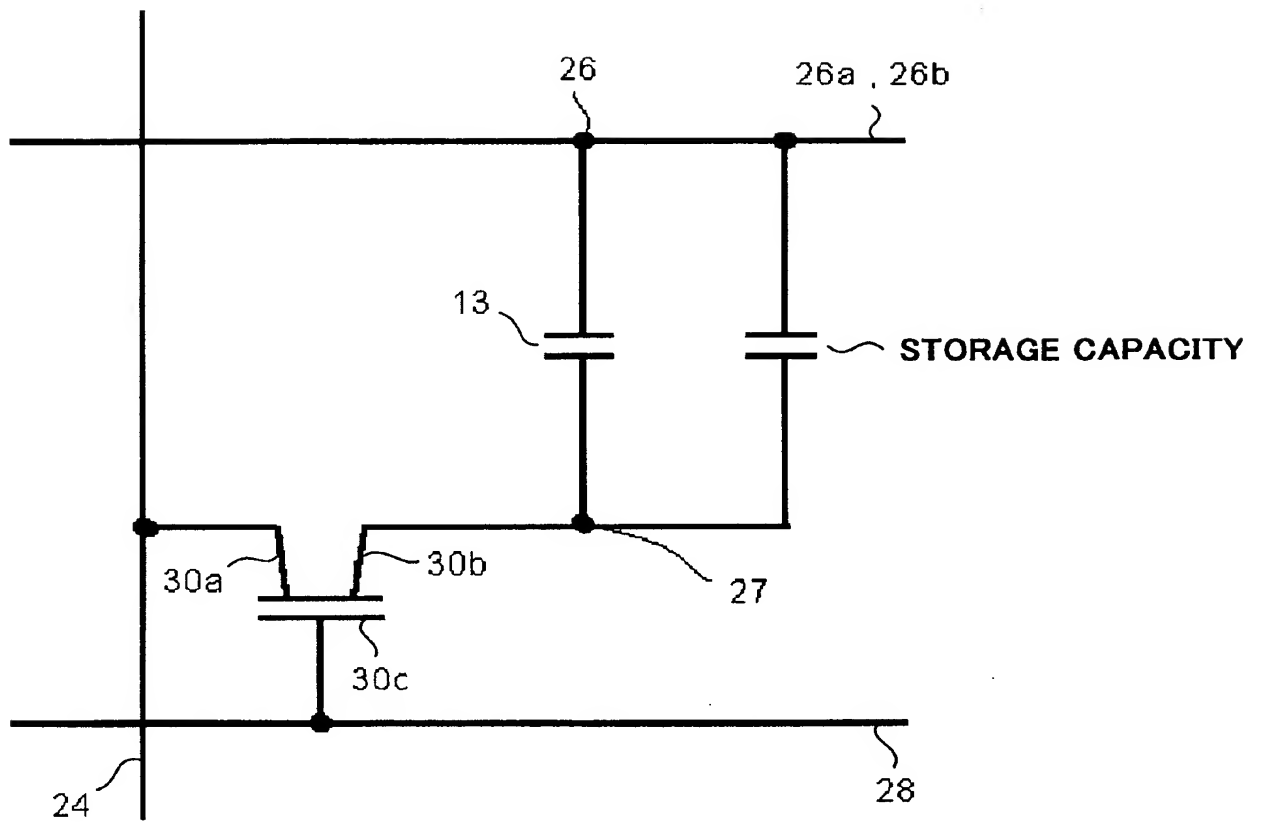
10

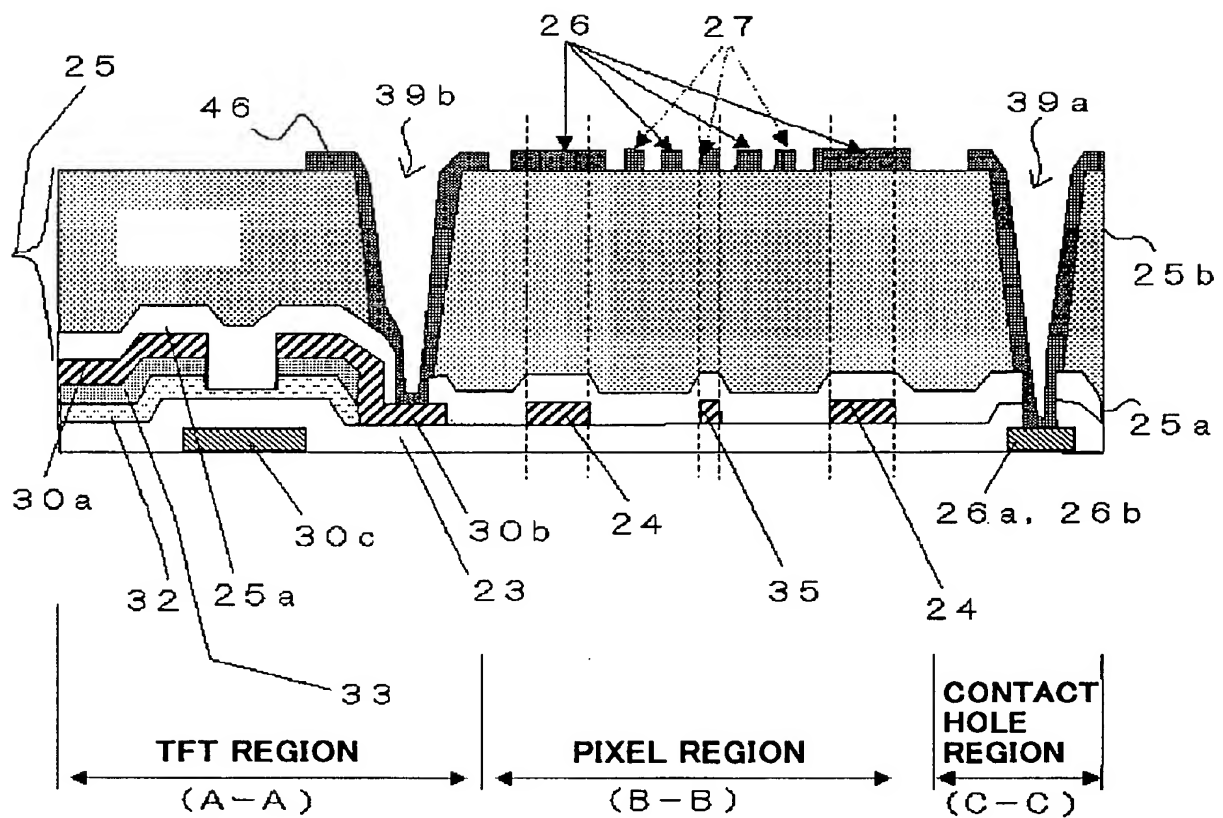
FIG. 6

10

(A)  
LAYERS OTHER  
THAN ITO LAYER



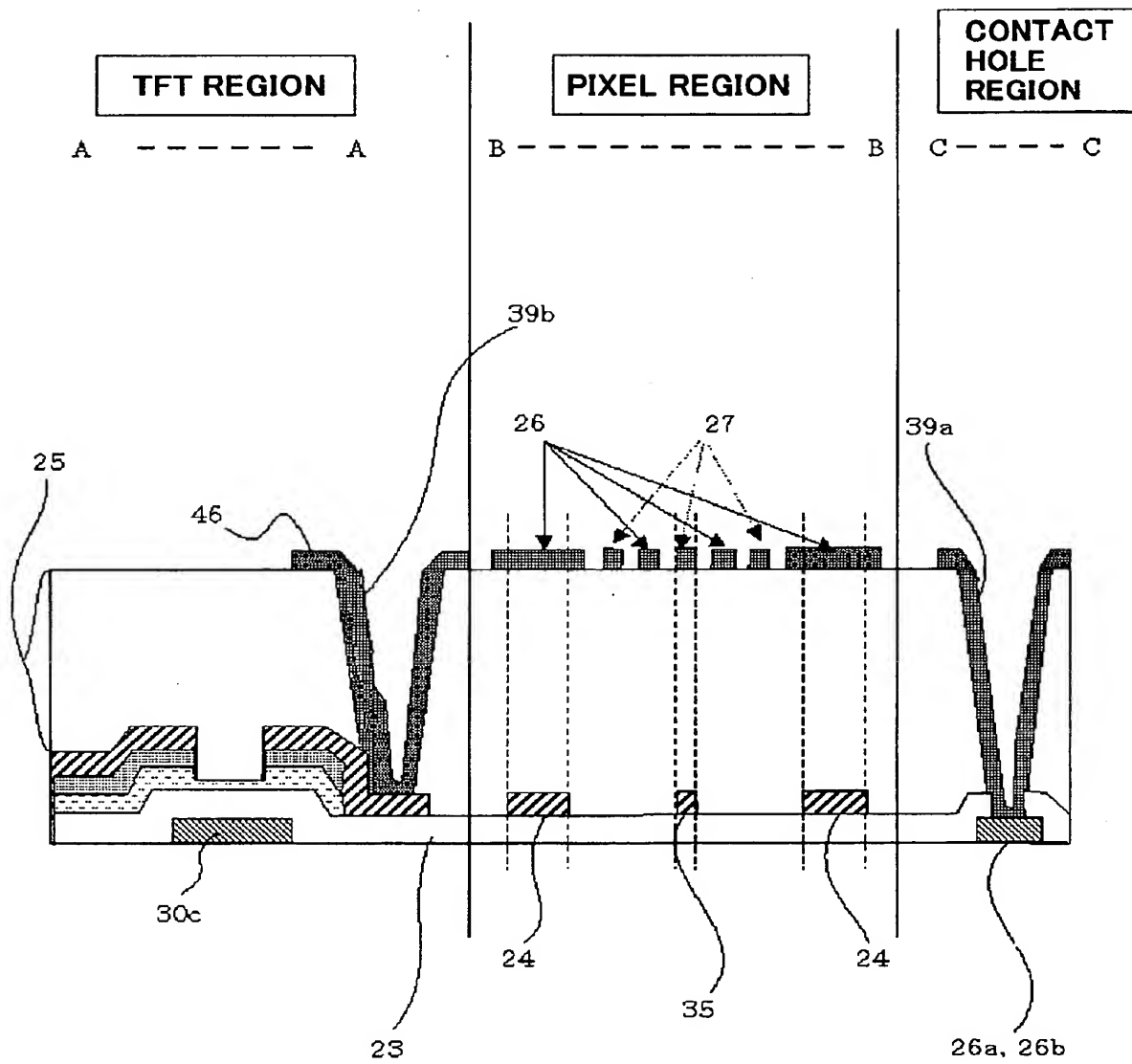
**FIG.8**





9/77

FIG.9



10/77

FIG.10

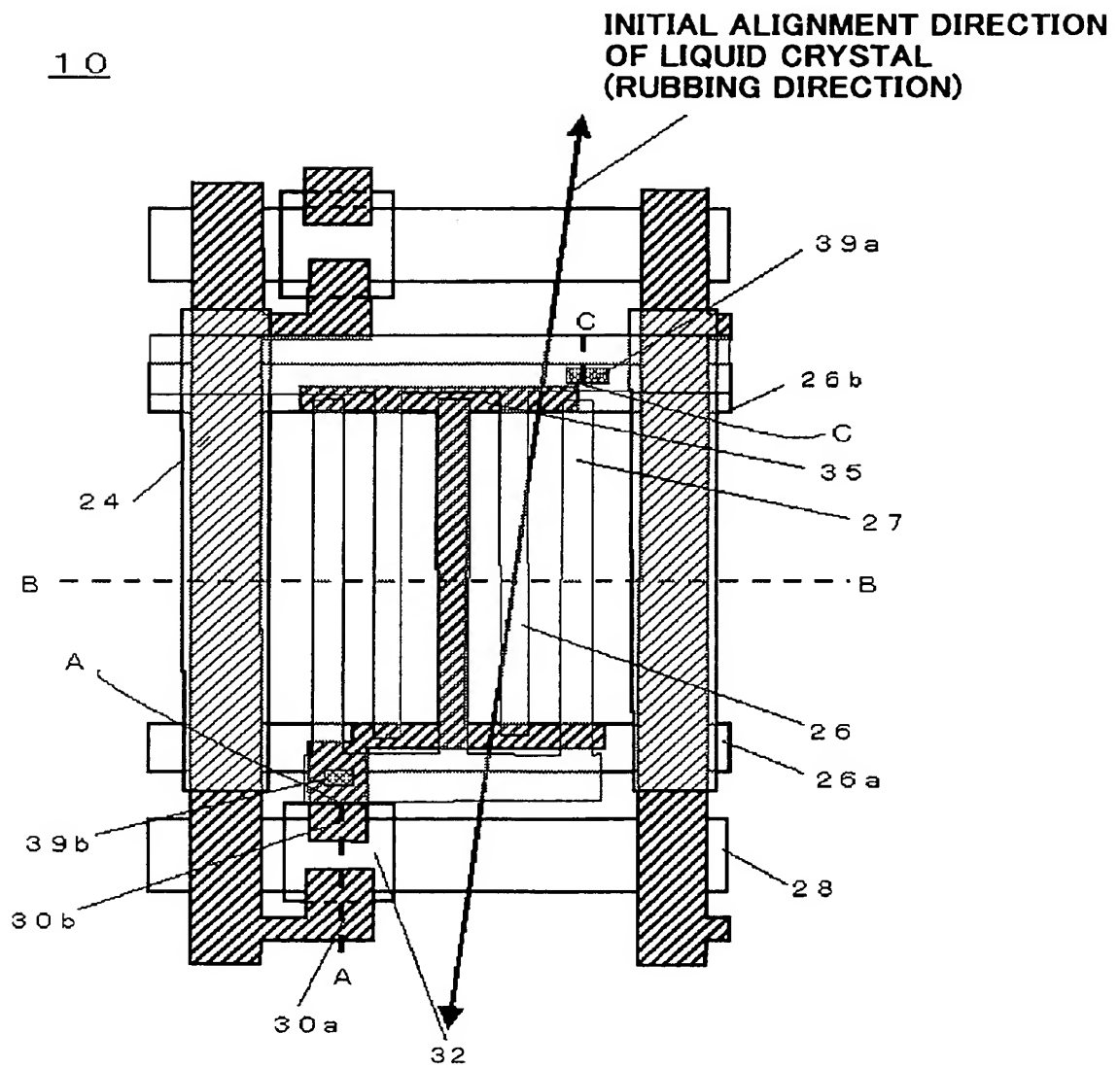
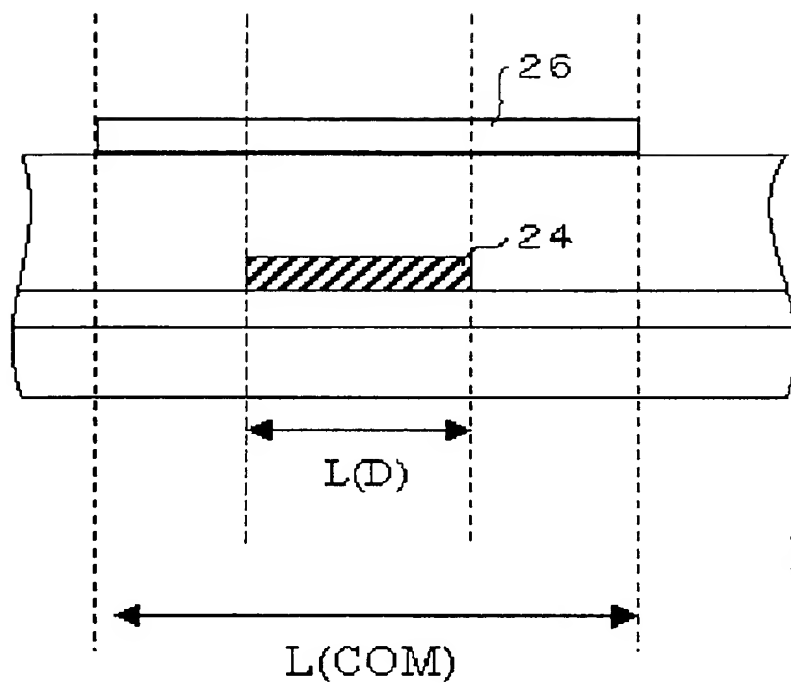


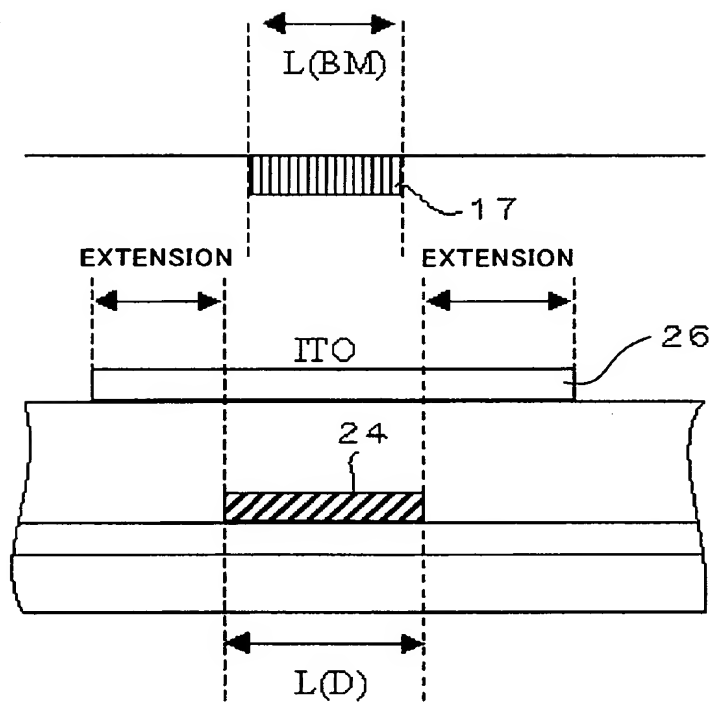
FIG.11



$$L(COM) > L(D)$$

12/77

FIG.12



$$L(D) > L(BM)$$

FIG.13

10

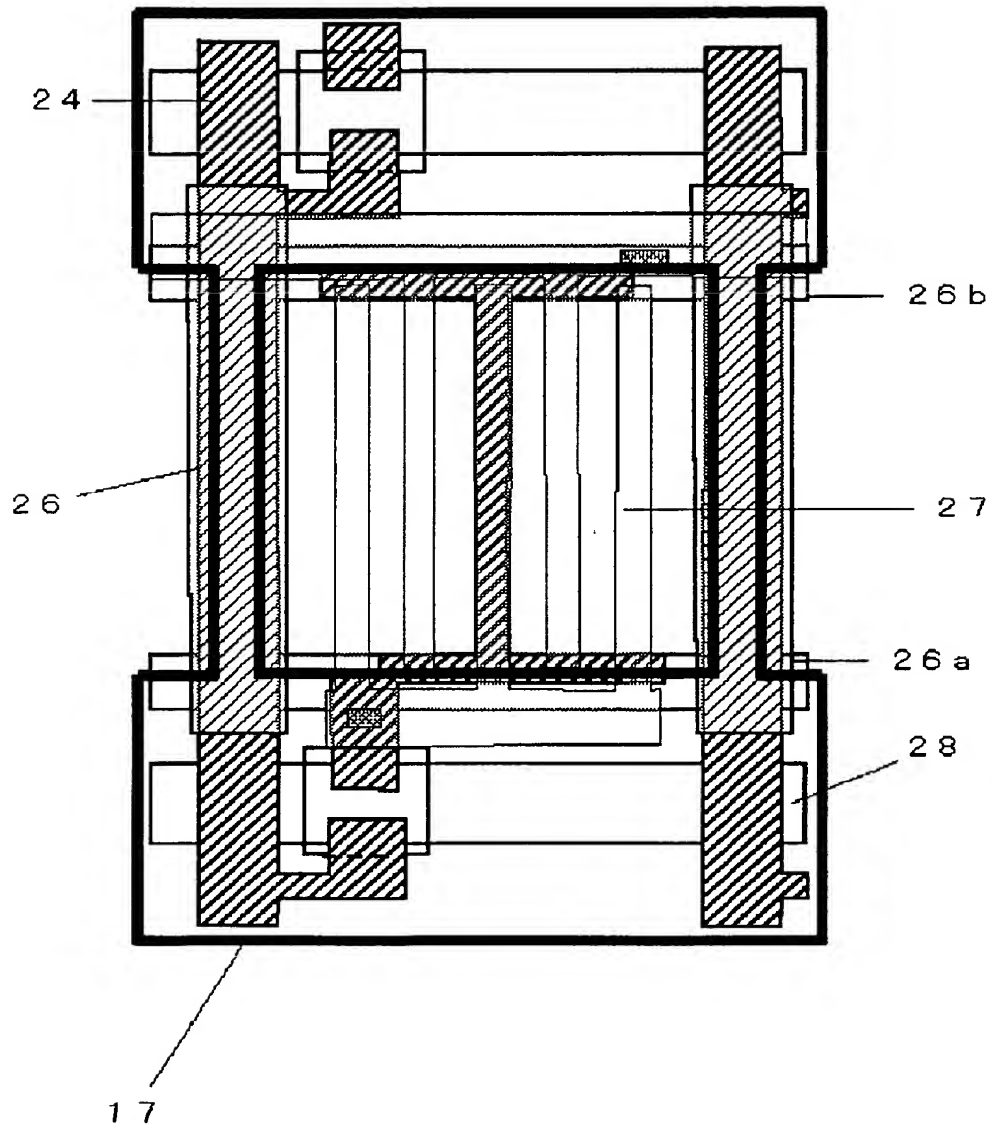


FIG.14

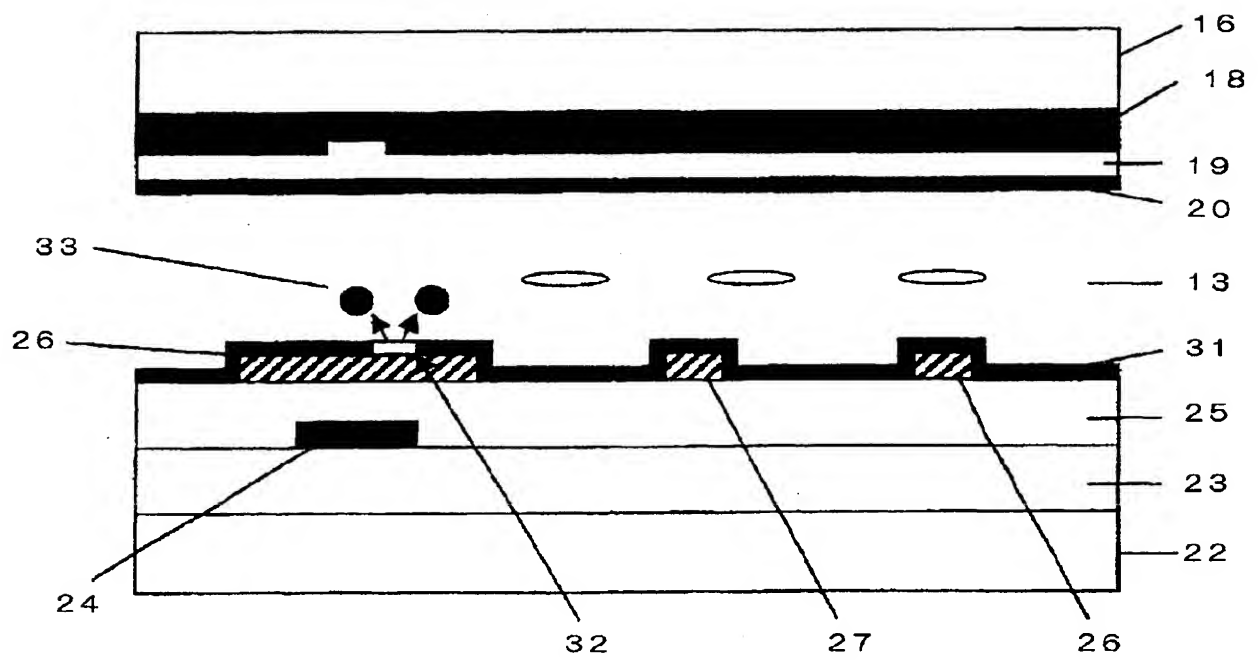


FIG.15

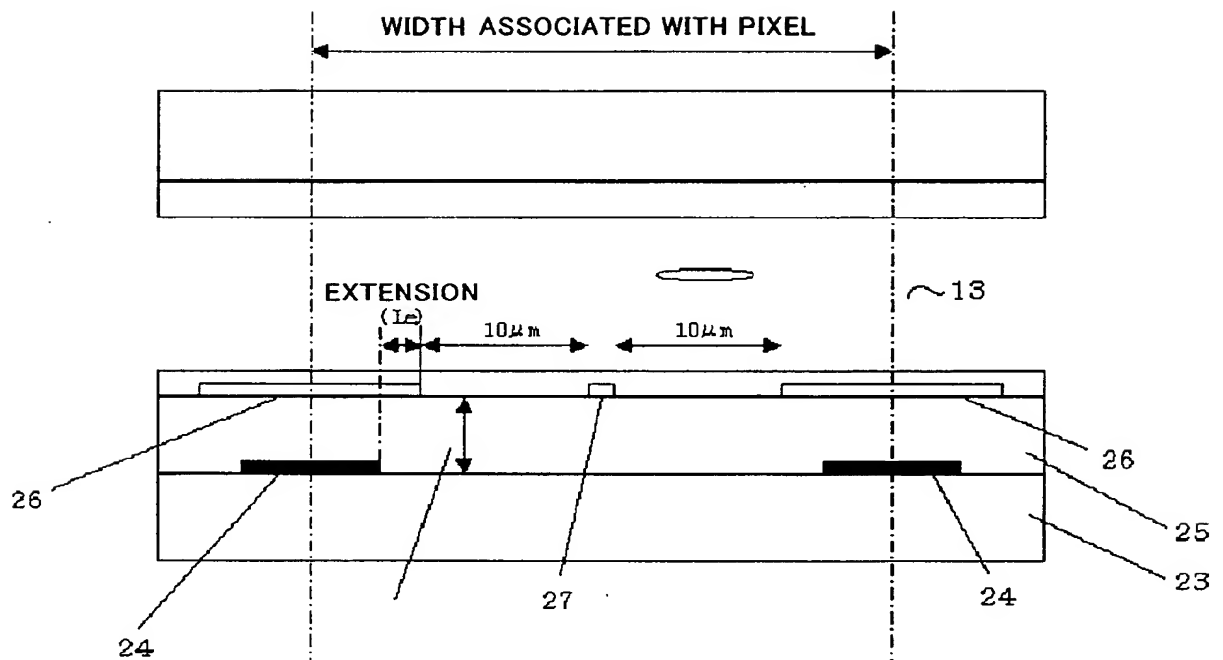
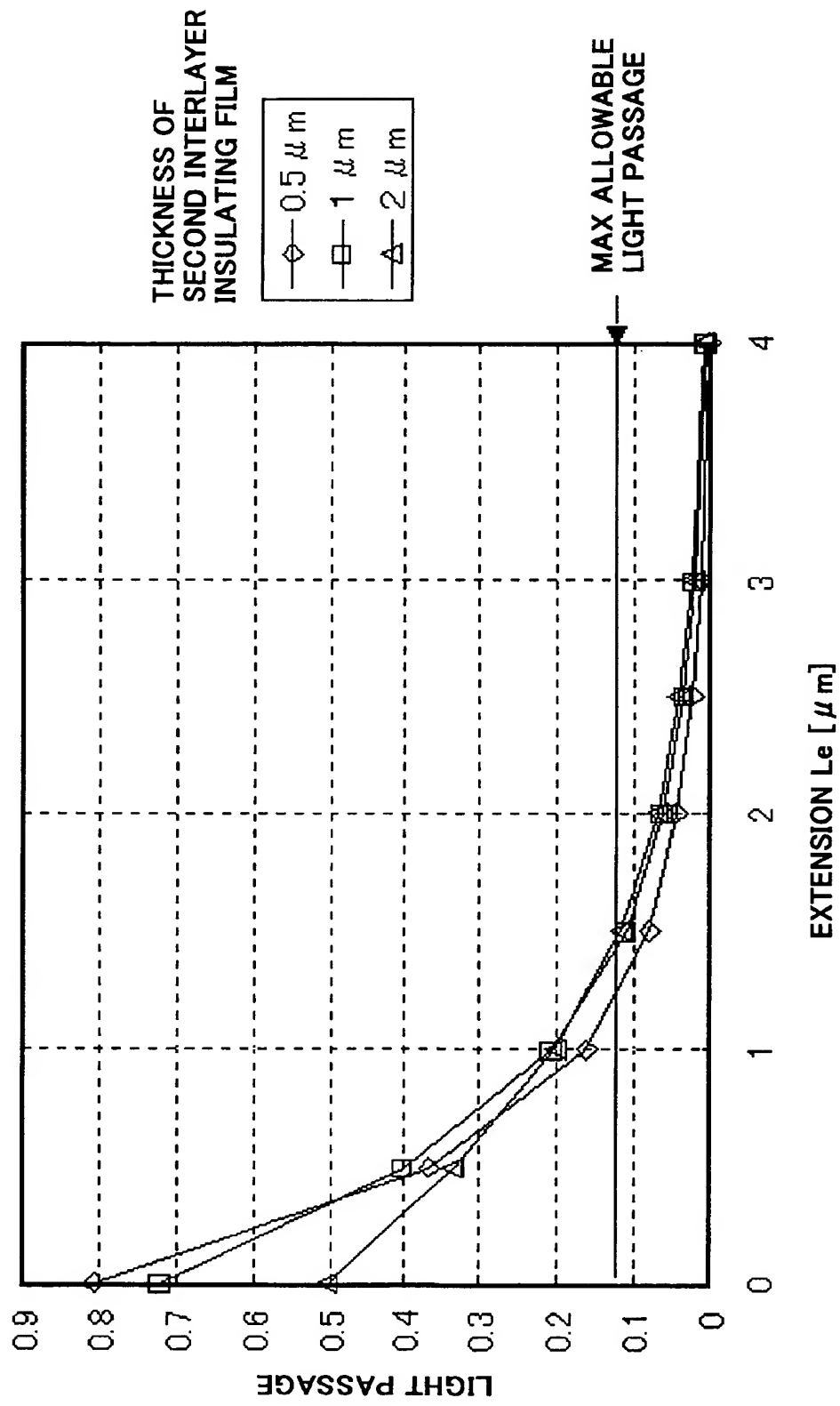


FIG.16





17/77

FIG.17

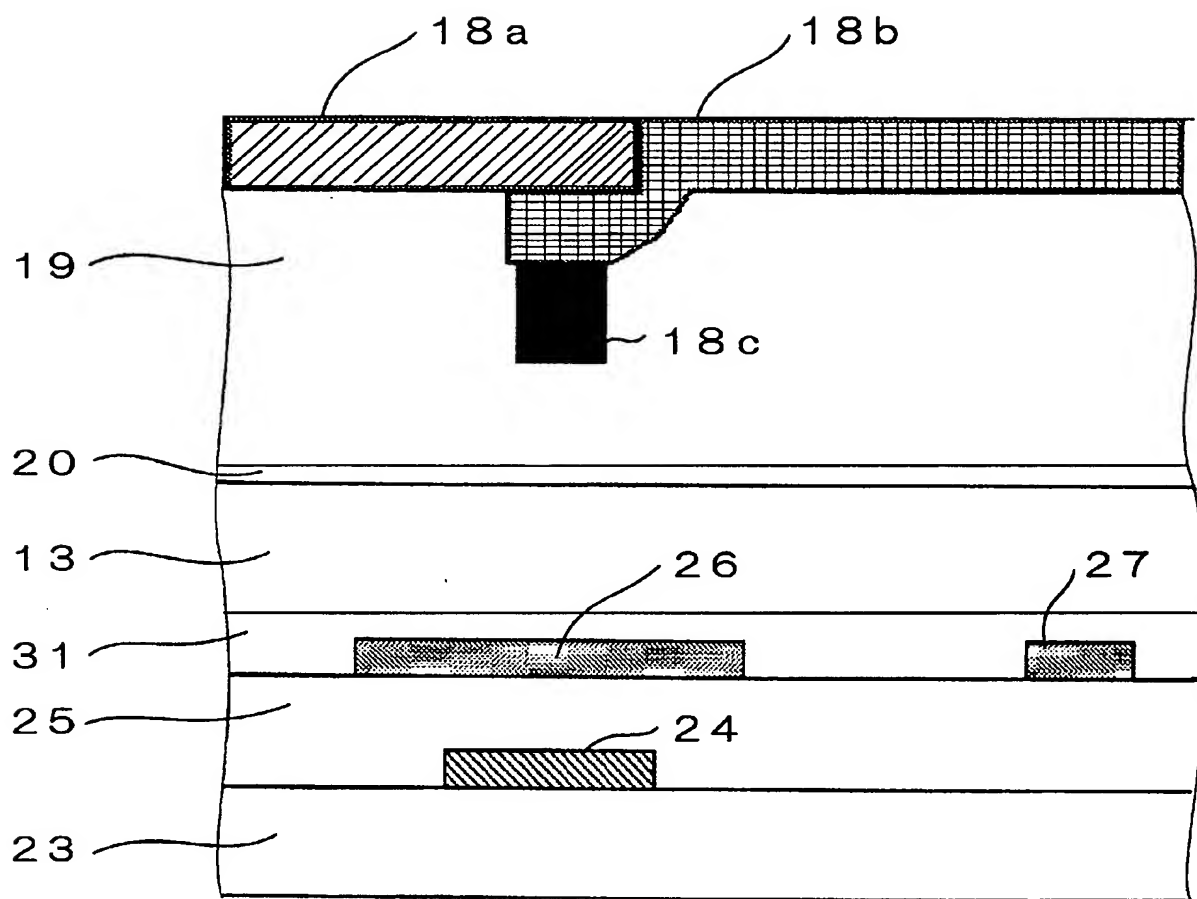
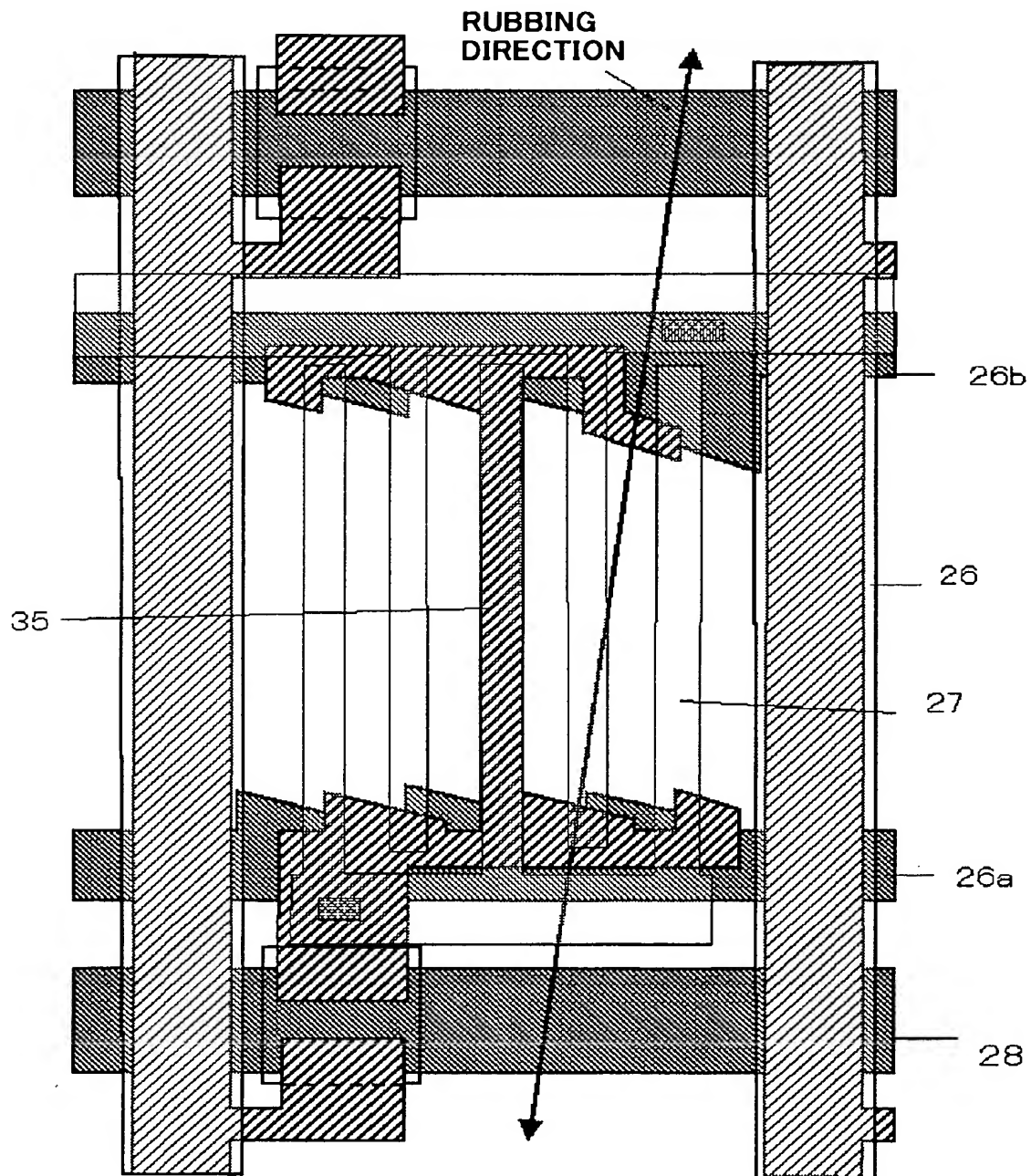


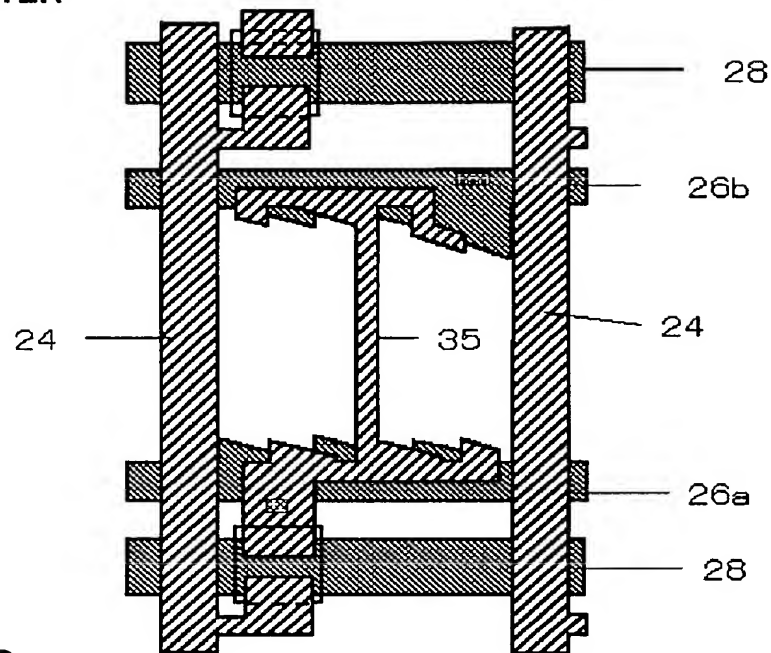
FIG.18



19/77

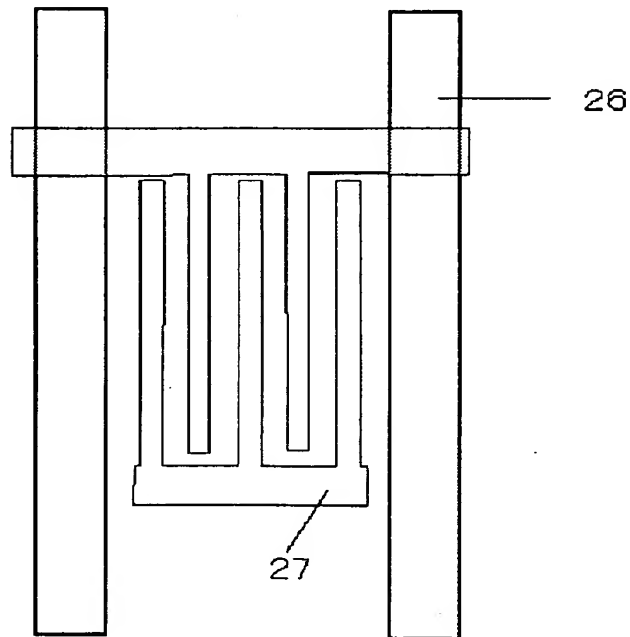
**FIG.19A**

LAYERS OTHER  
THAN ITO LAYER



**FIG.19B**

ITO LAYER



20/77

FIG.20

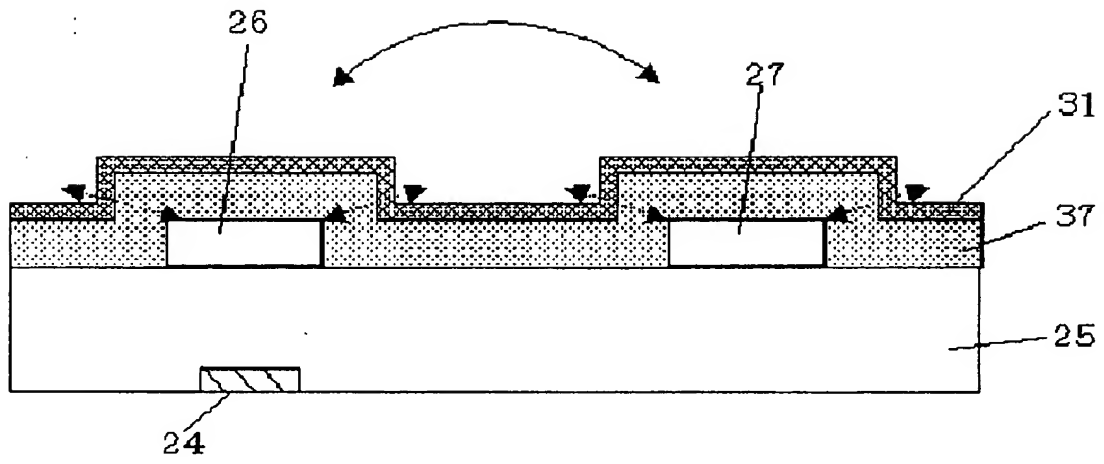


FIG.21

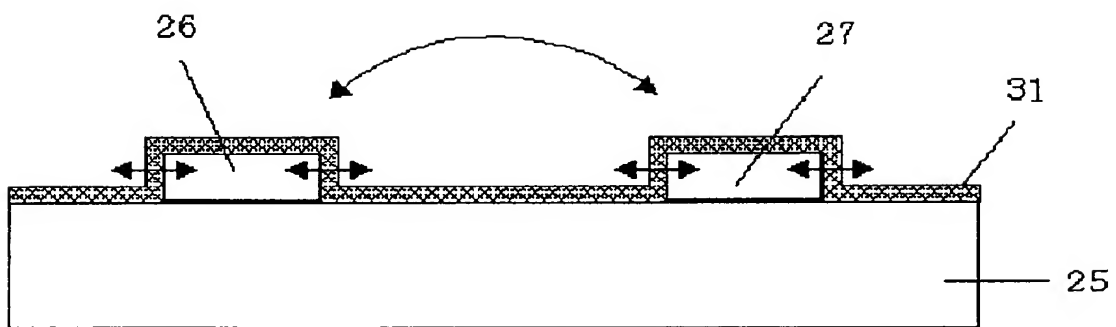


FIG.22

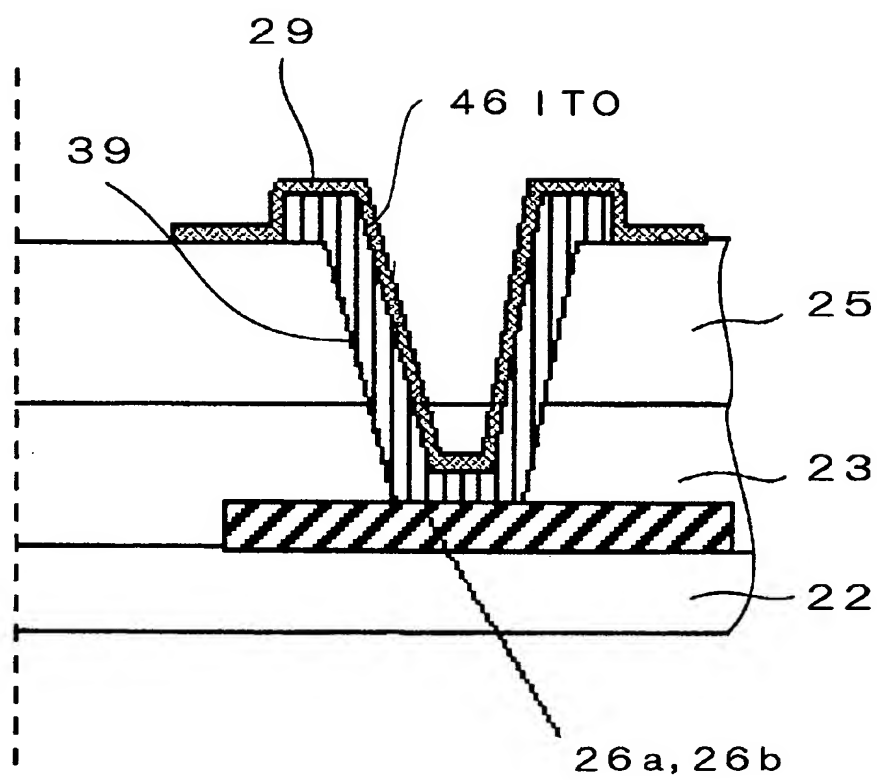


FIG.23

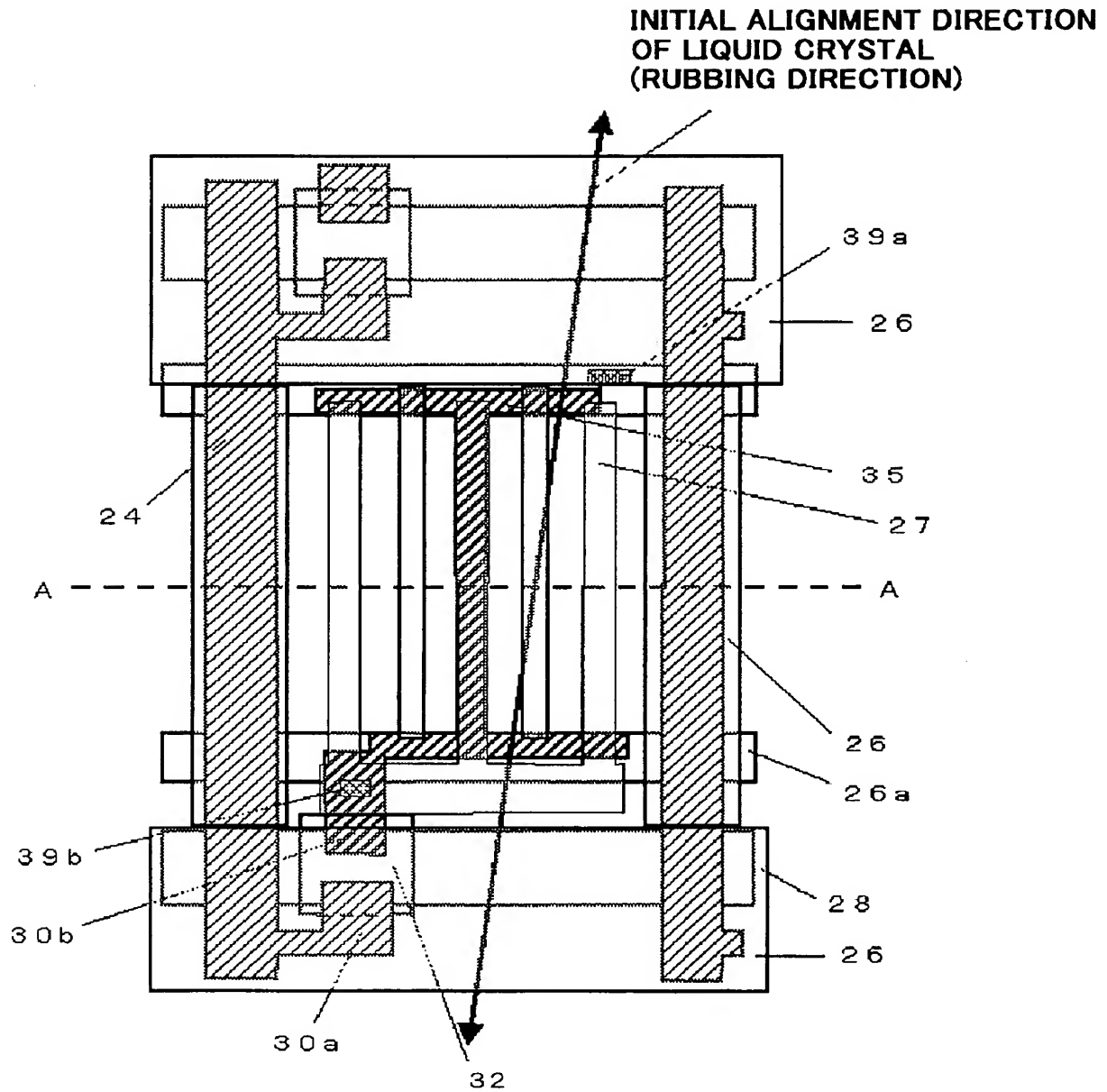


FIG.24

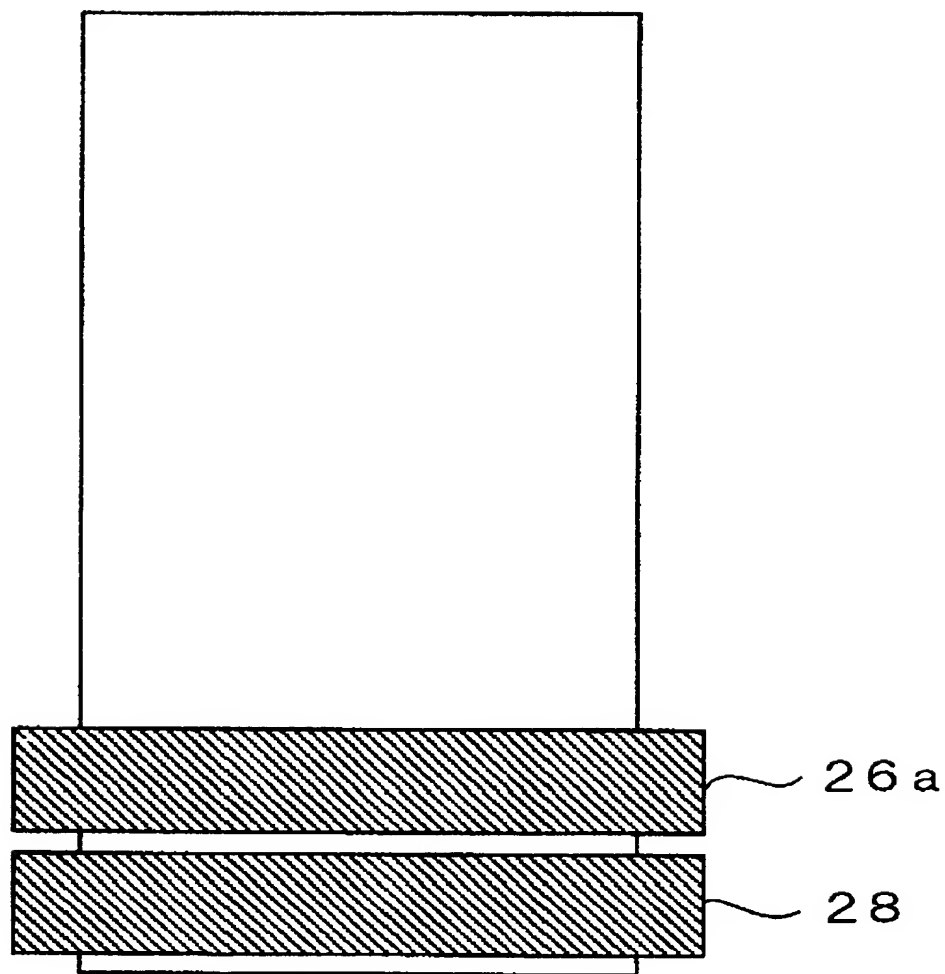




FIG.25

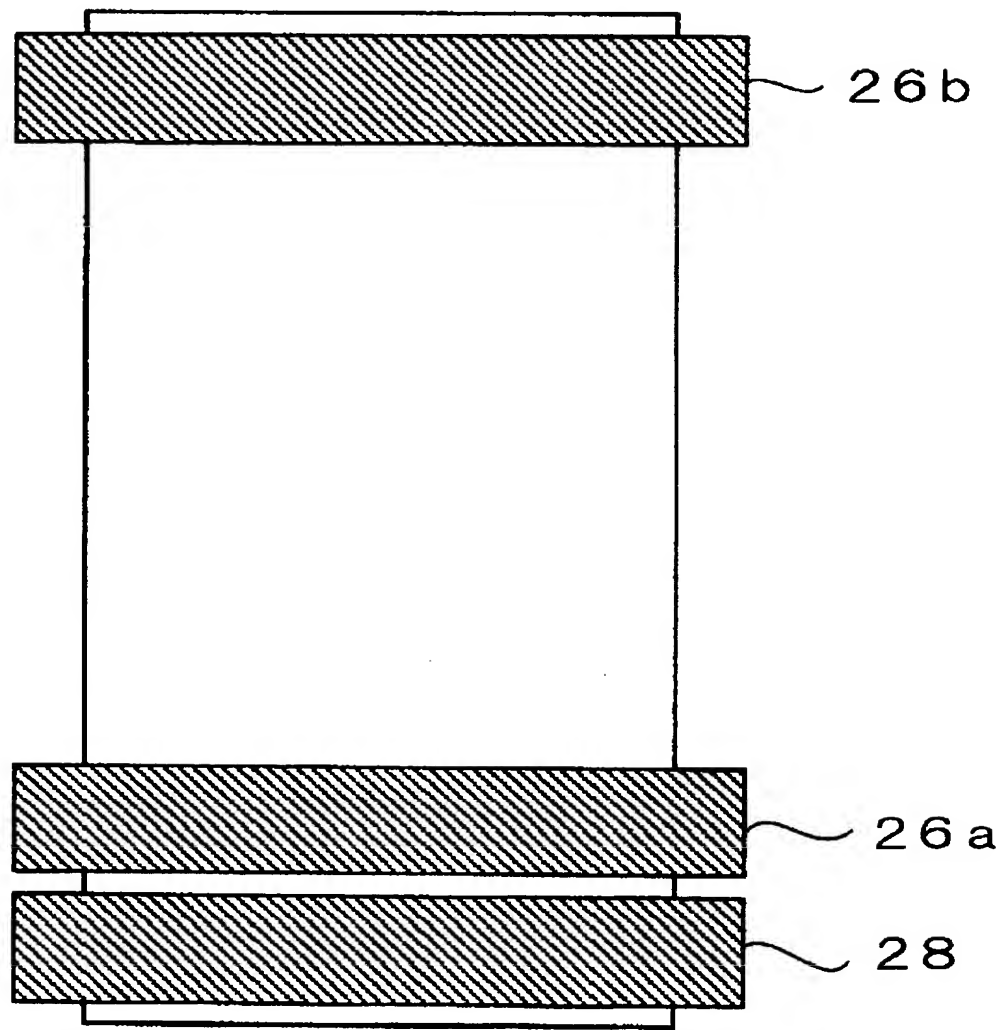


FIG.26

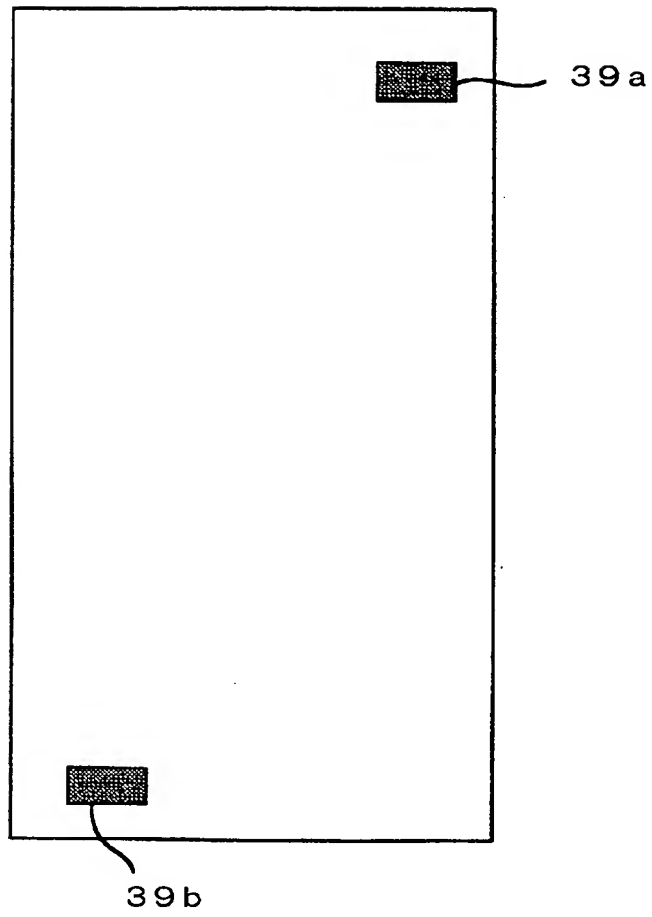
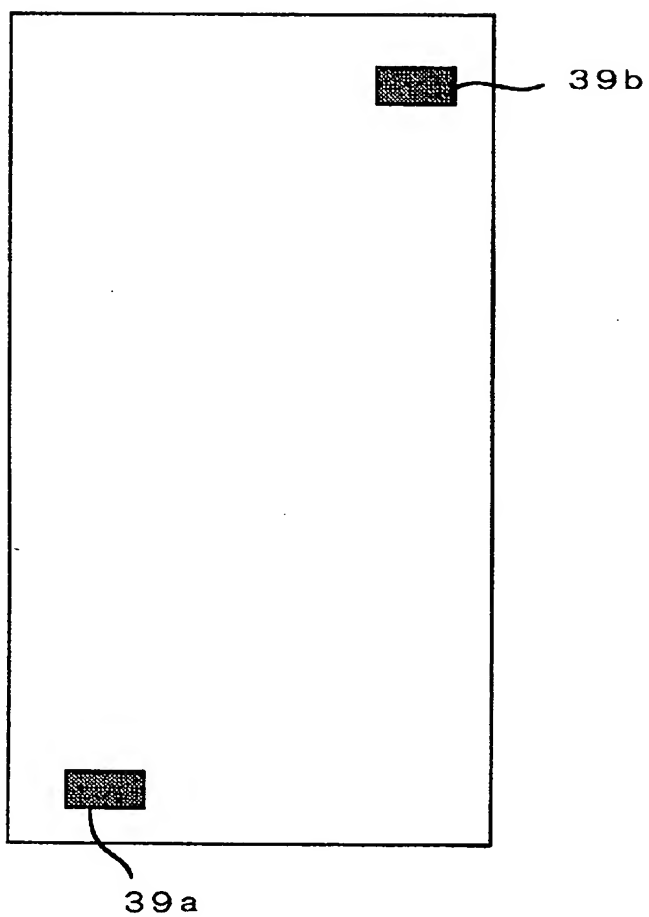
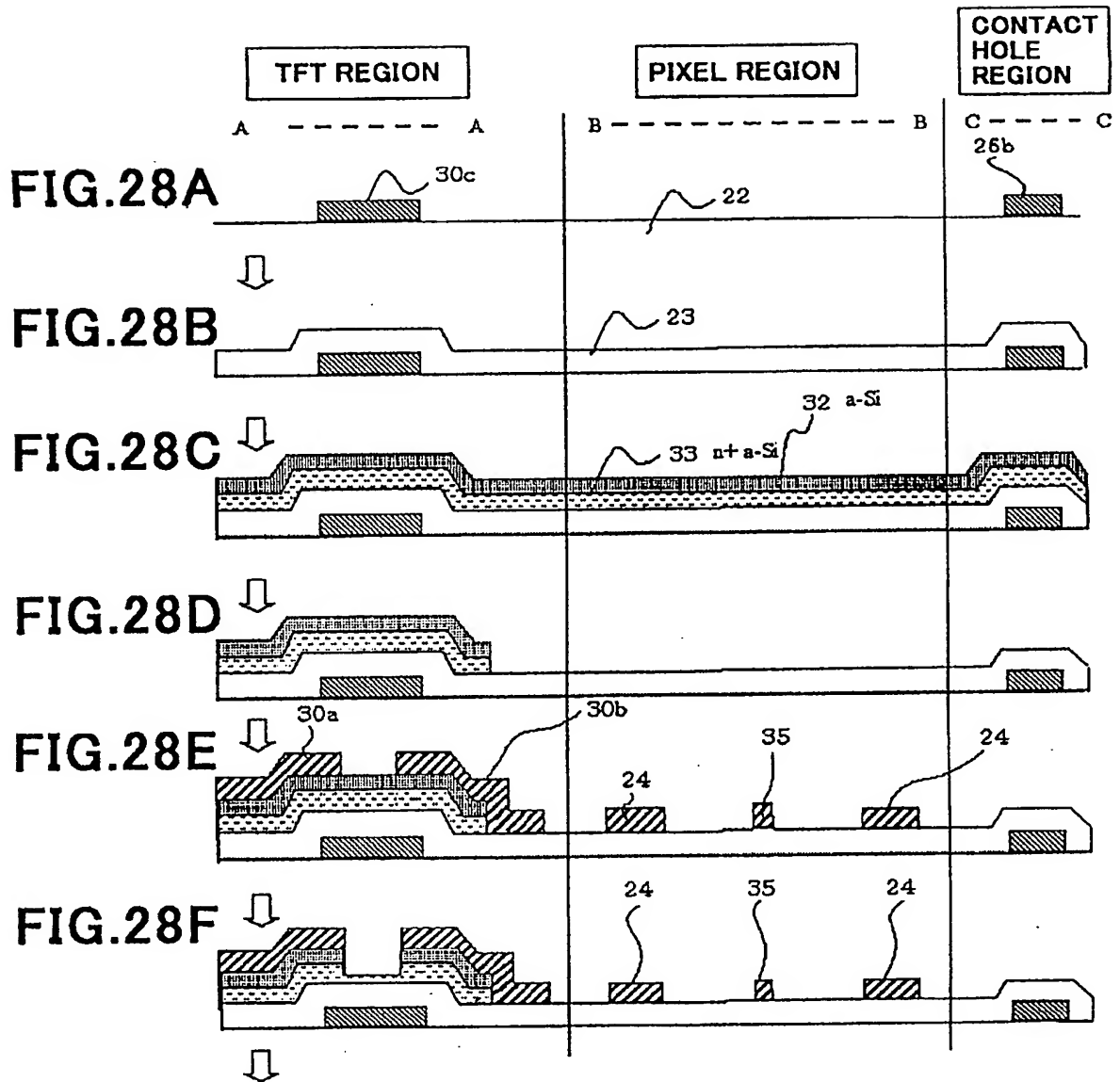
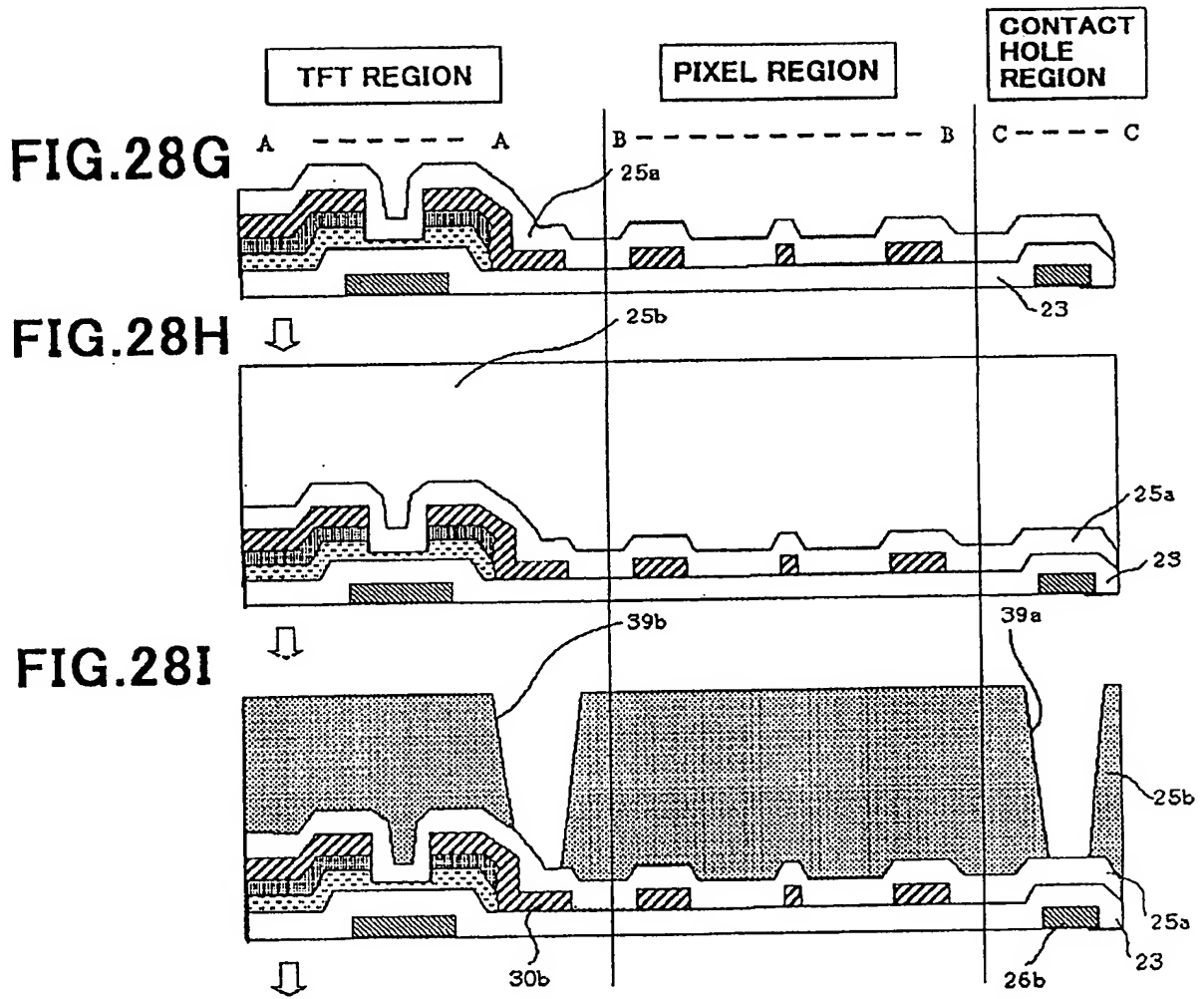
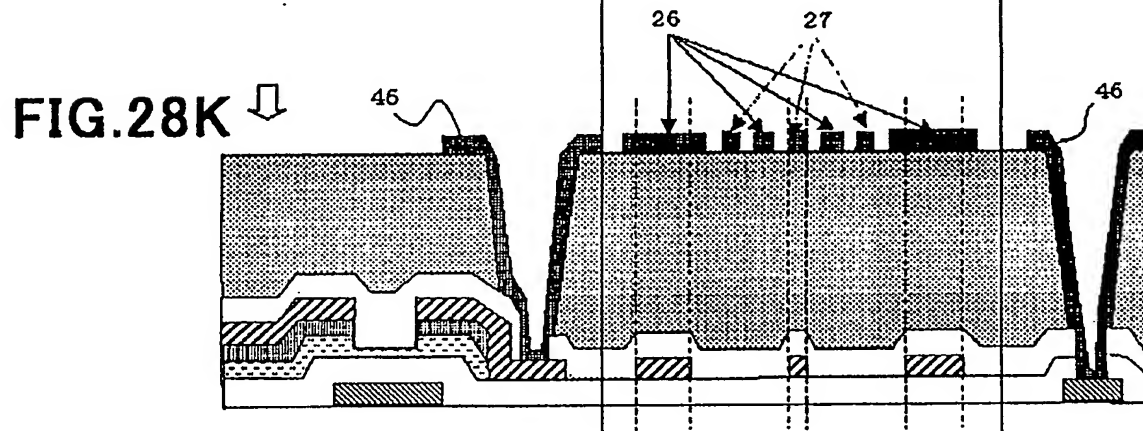
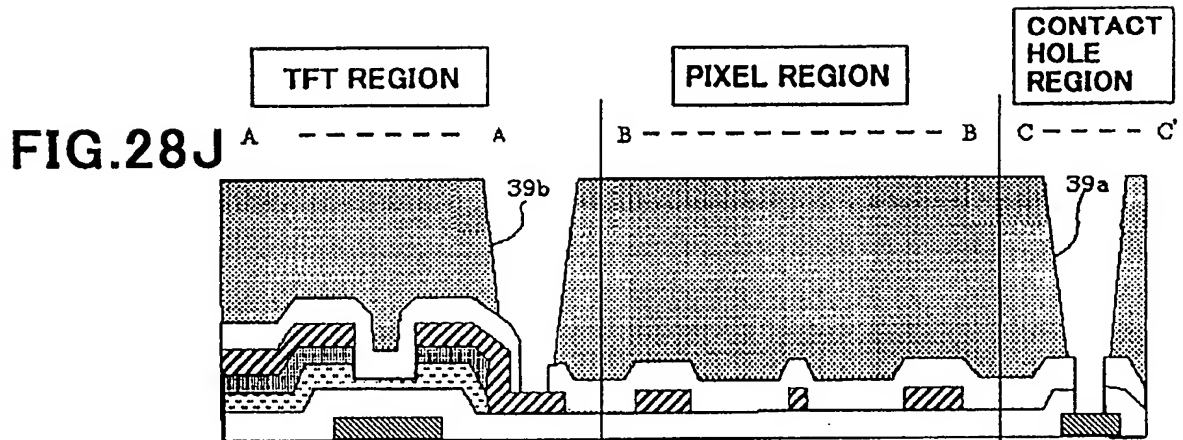


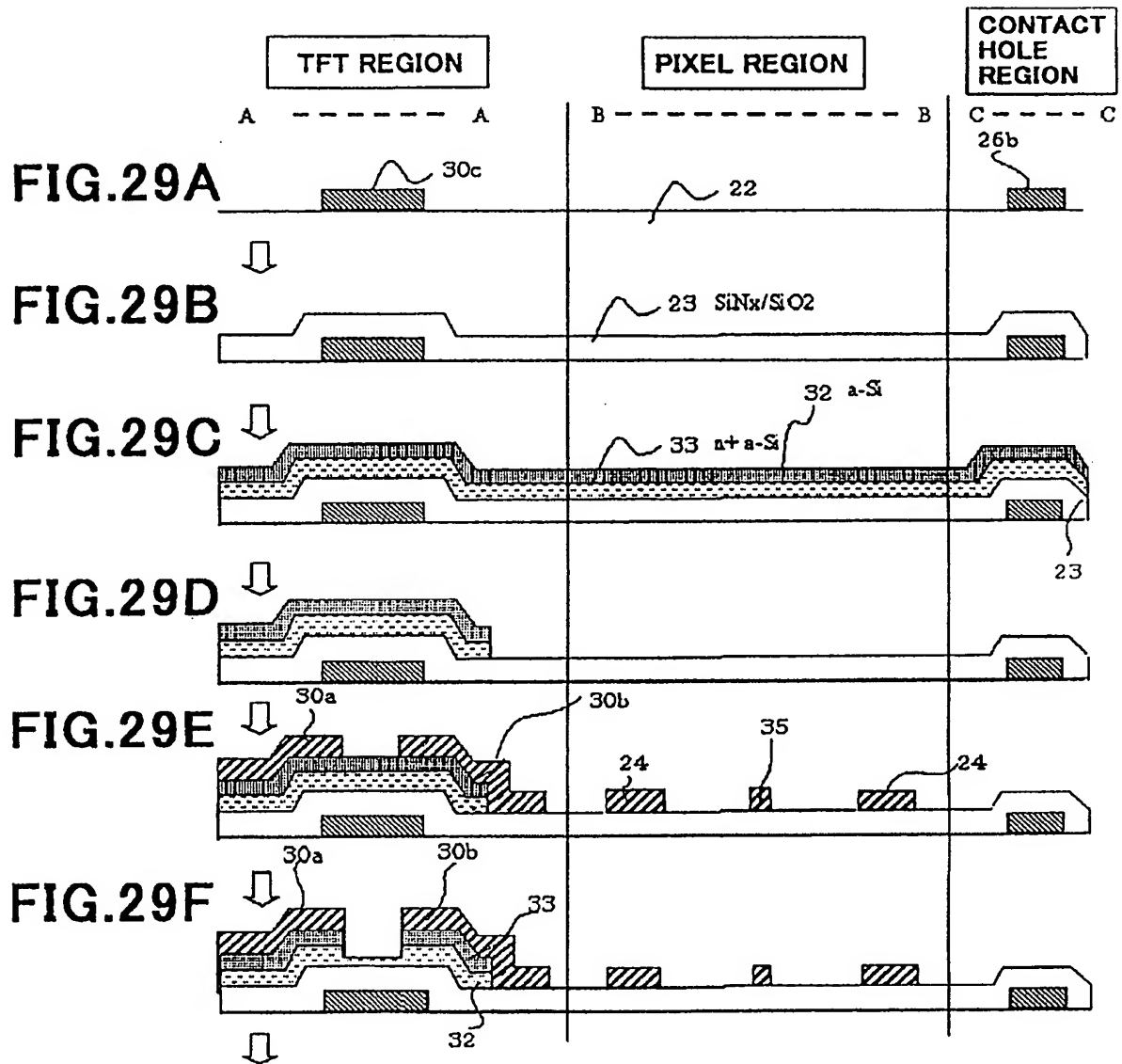
FIG.27











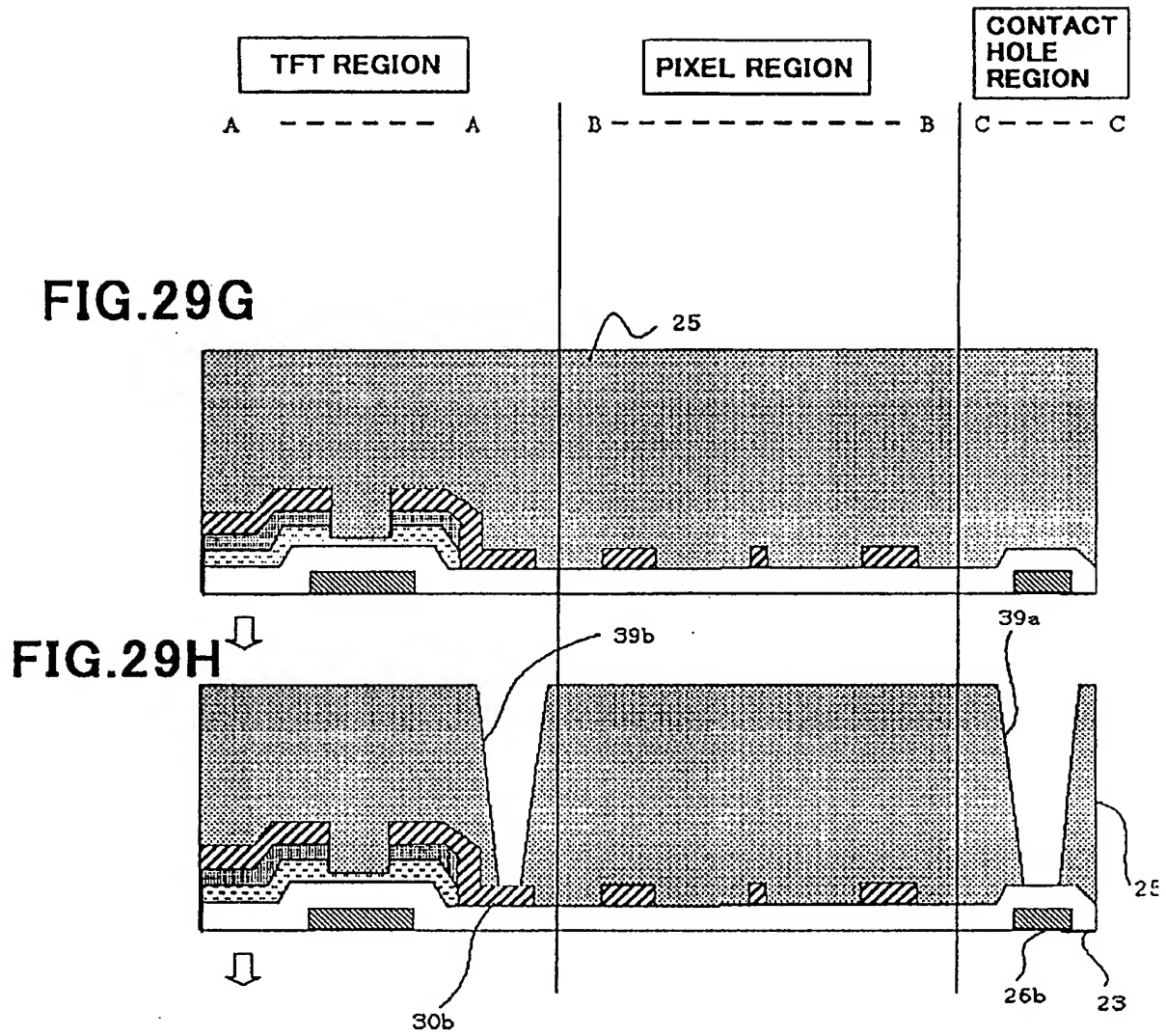
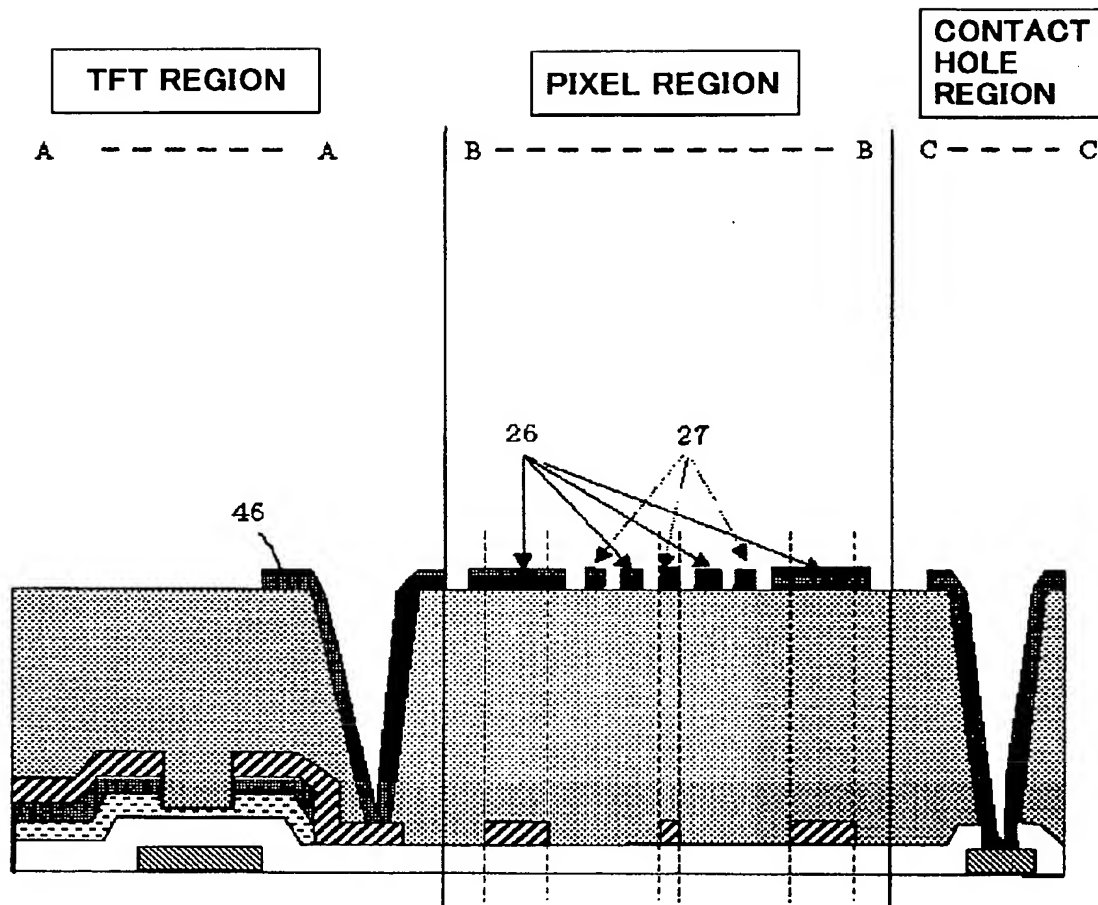
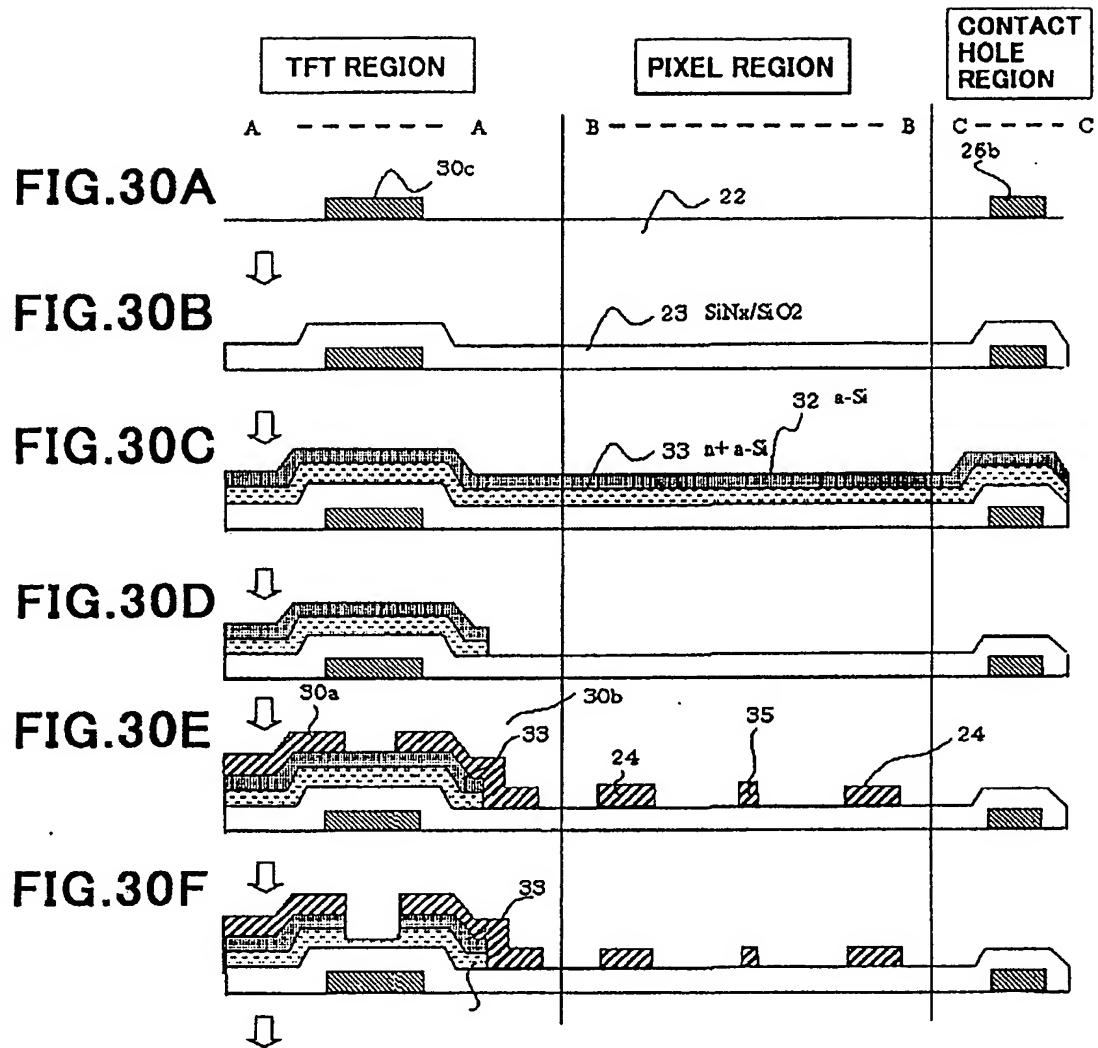




FIG.29I





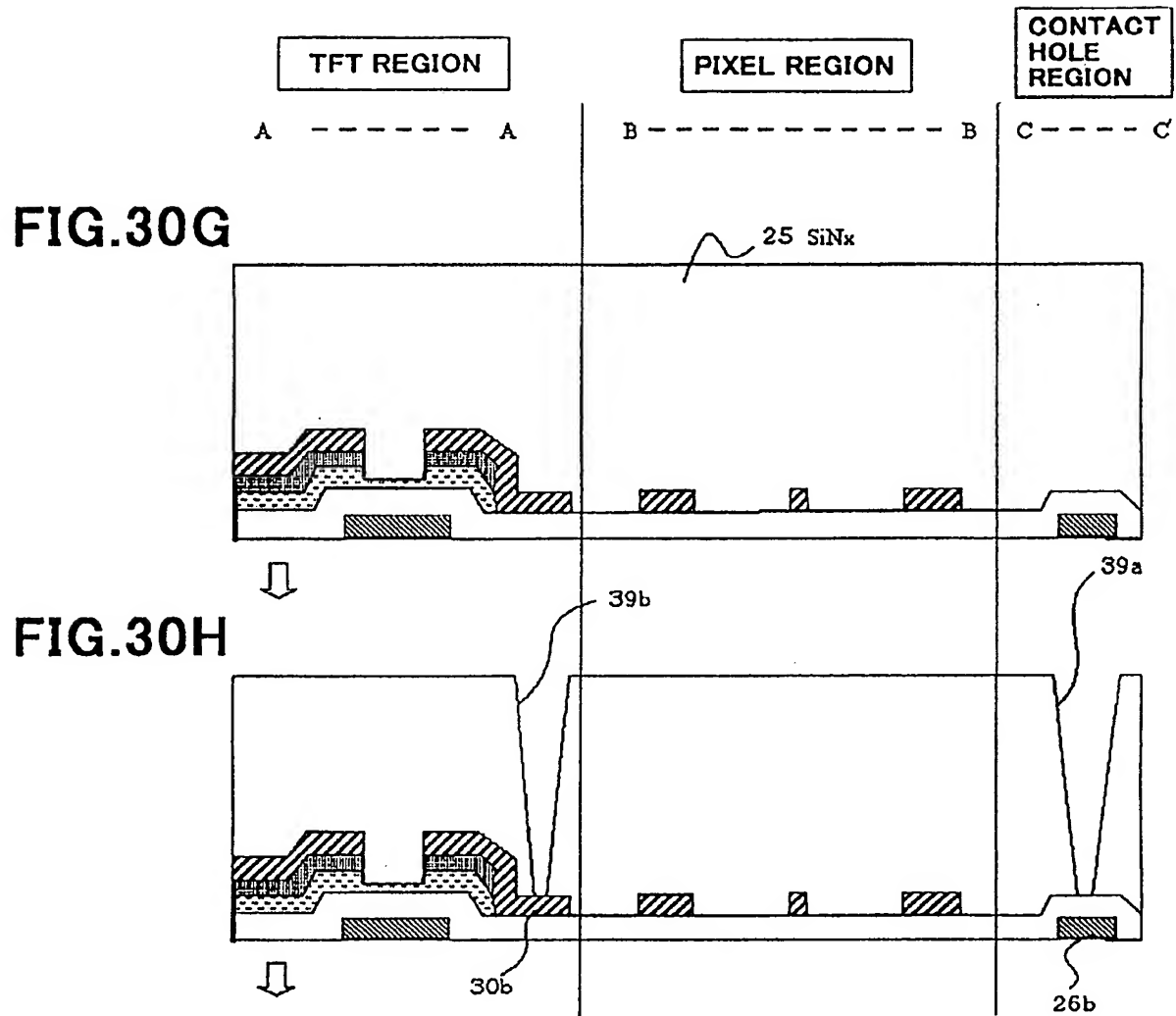


FIG.30I

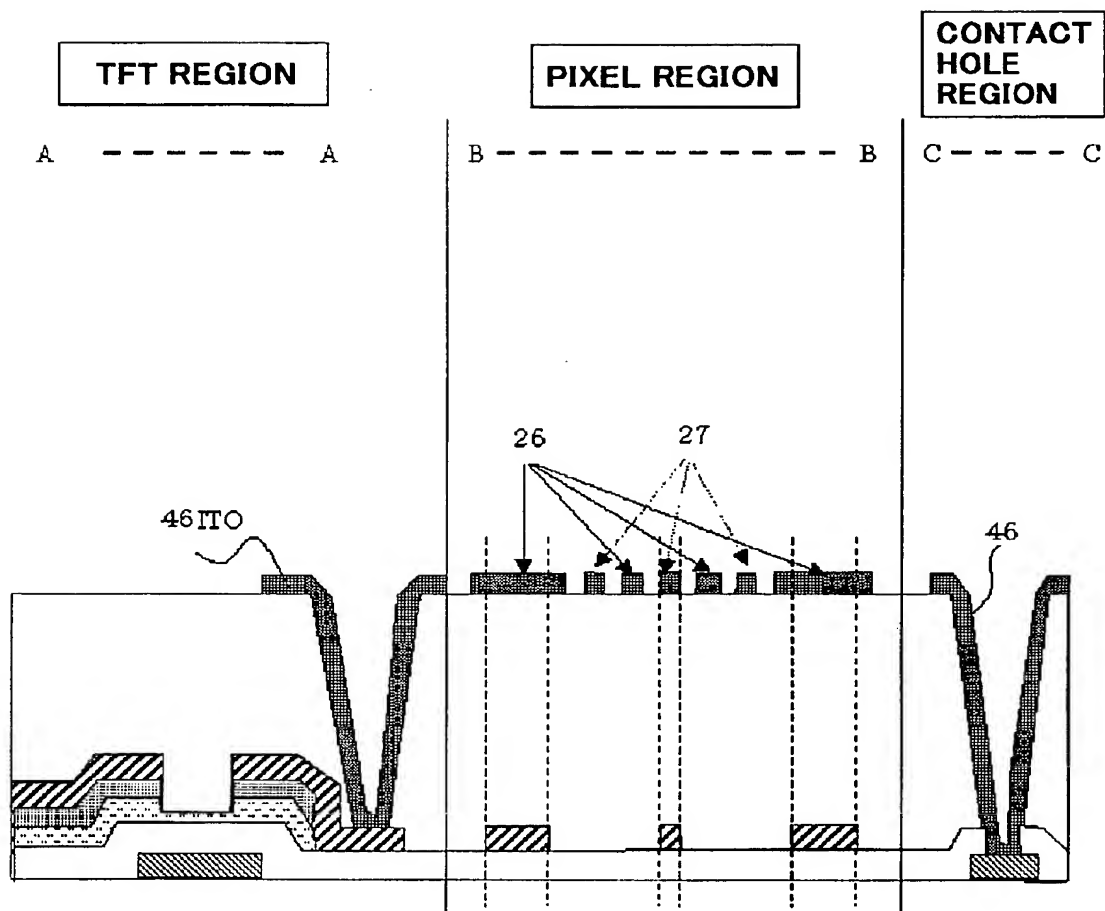


FIG.31

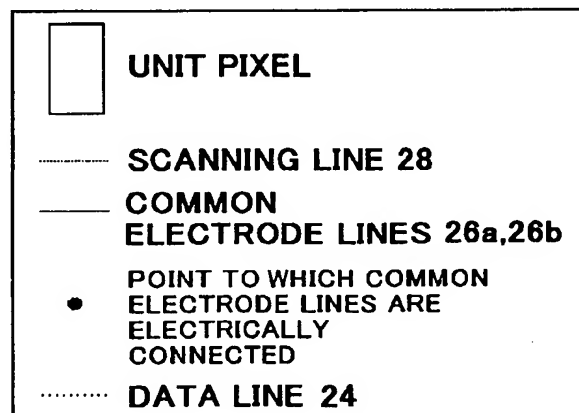
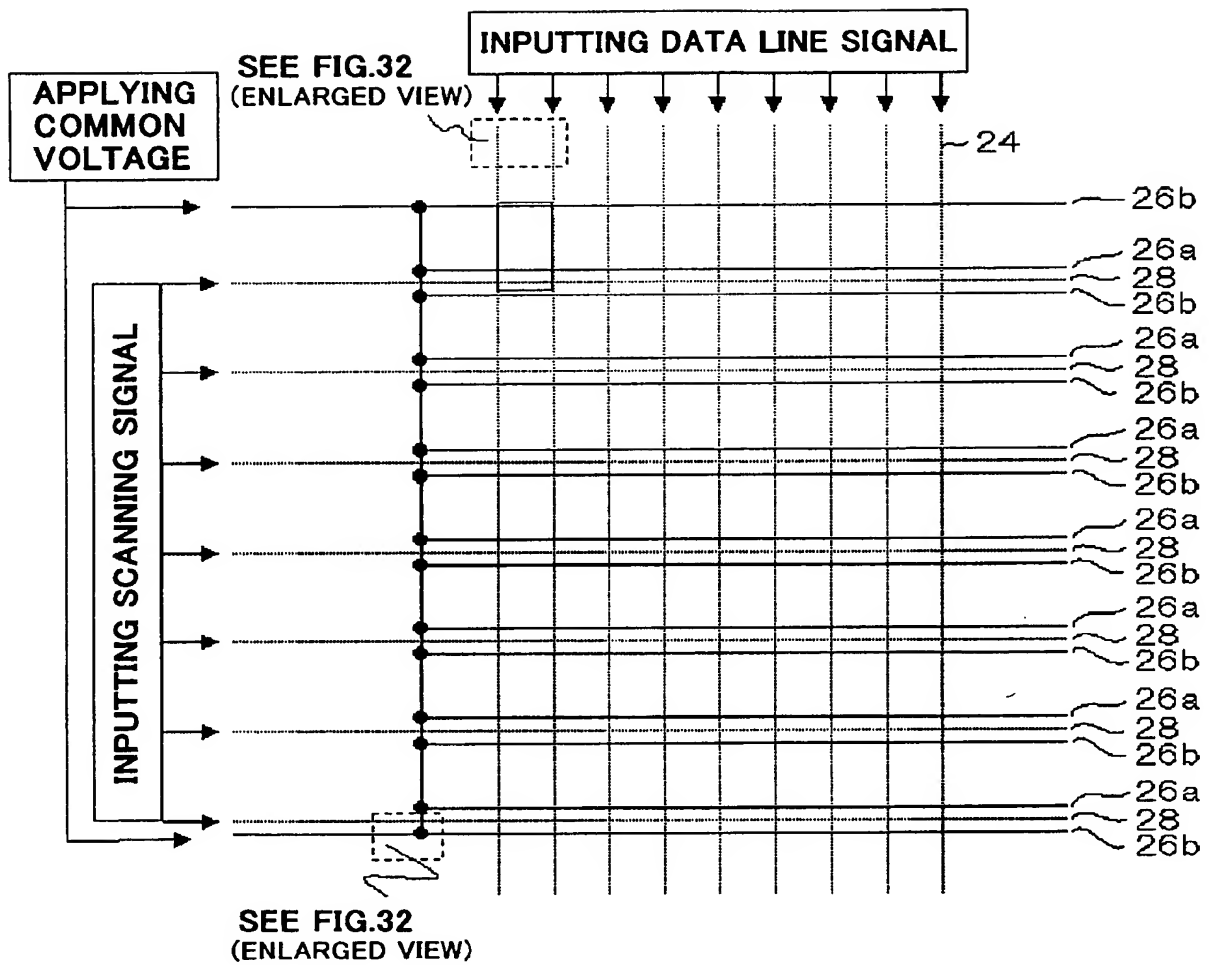
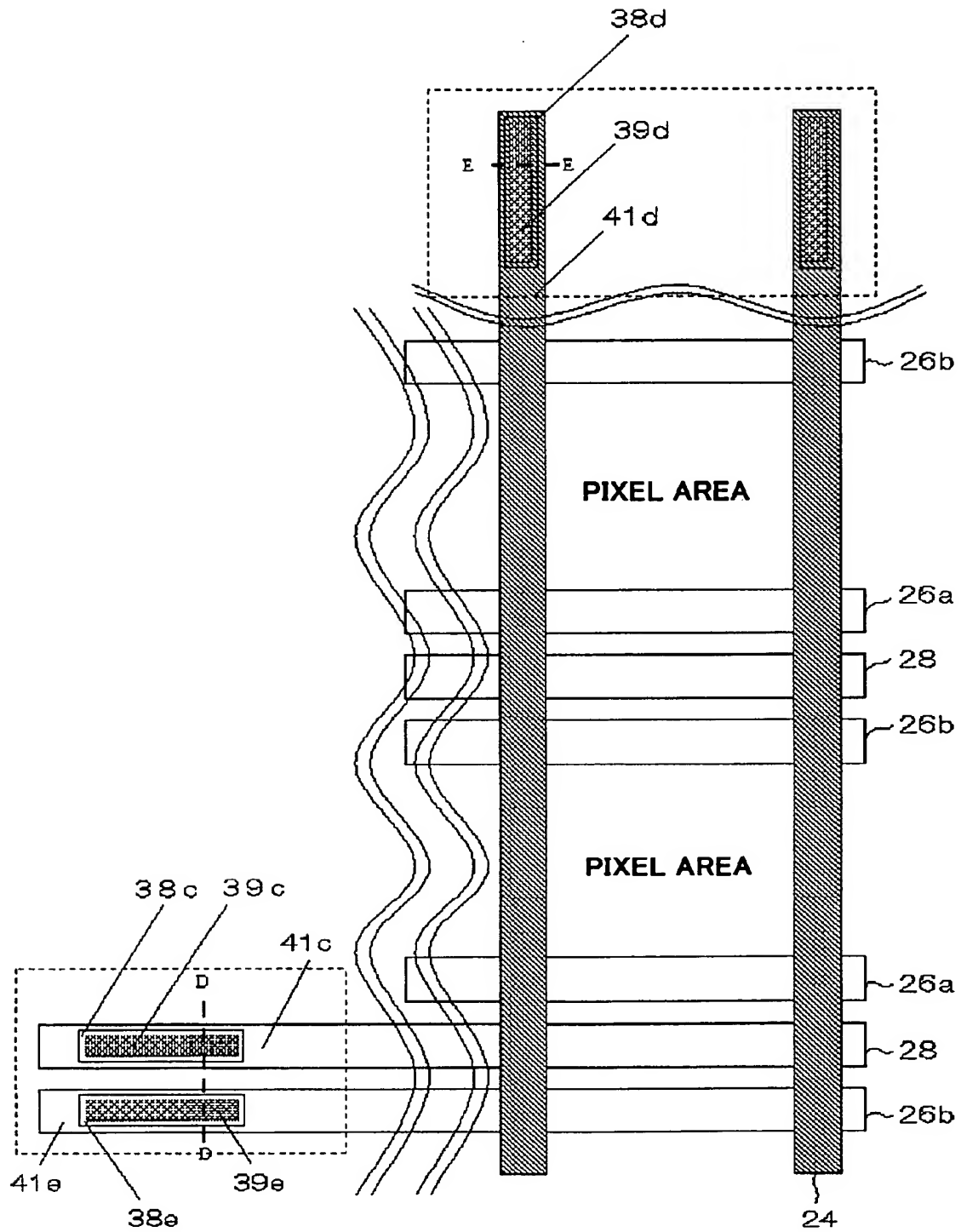
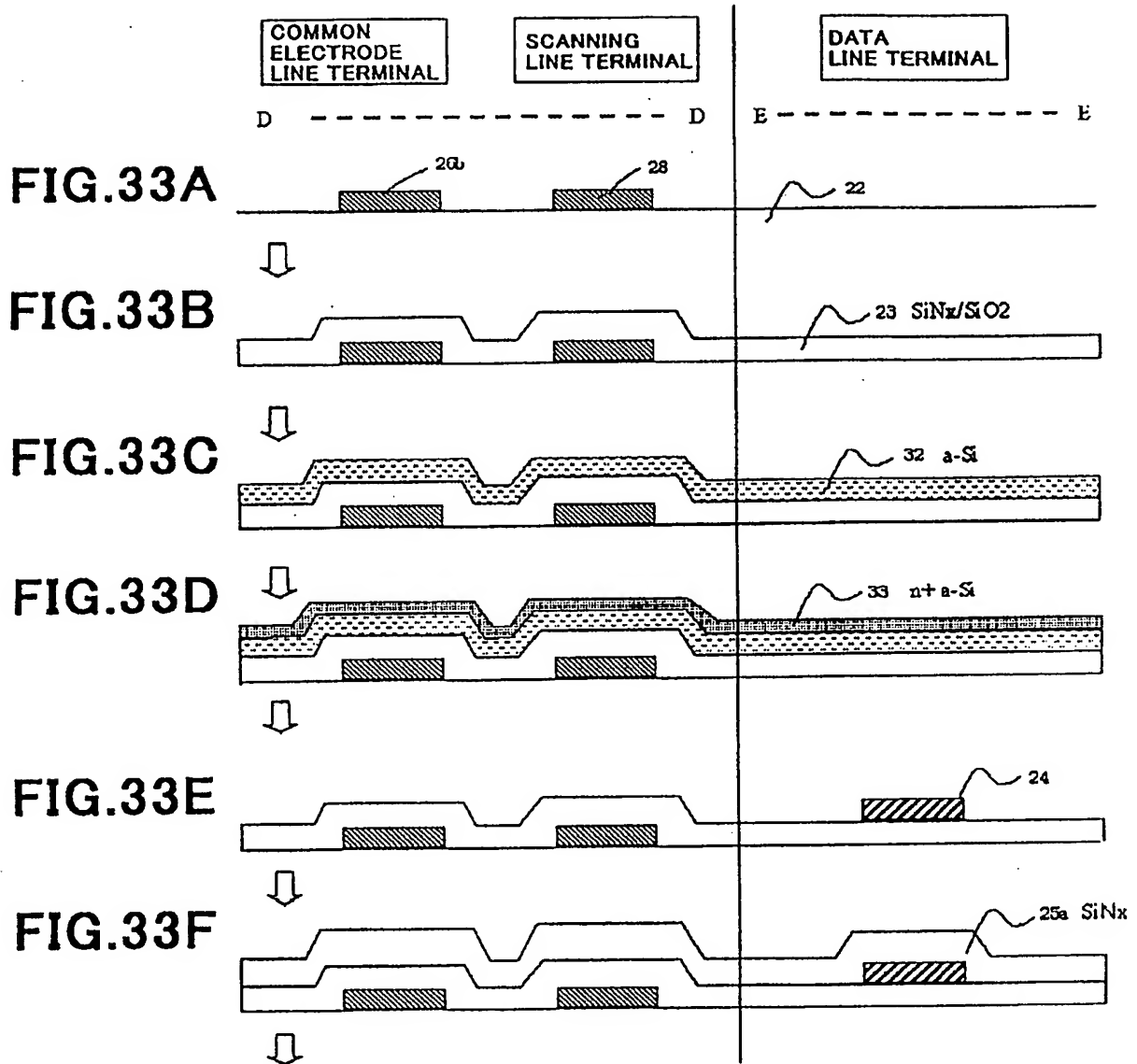
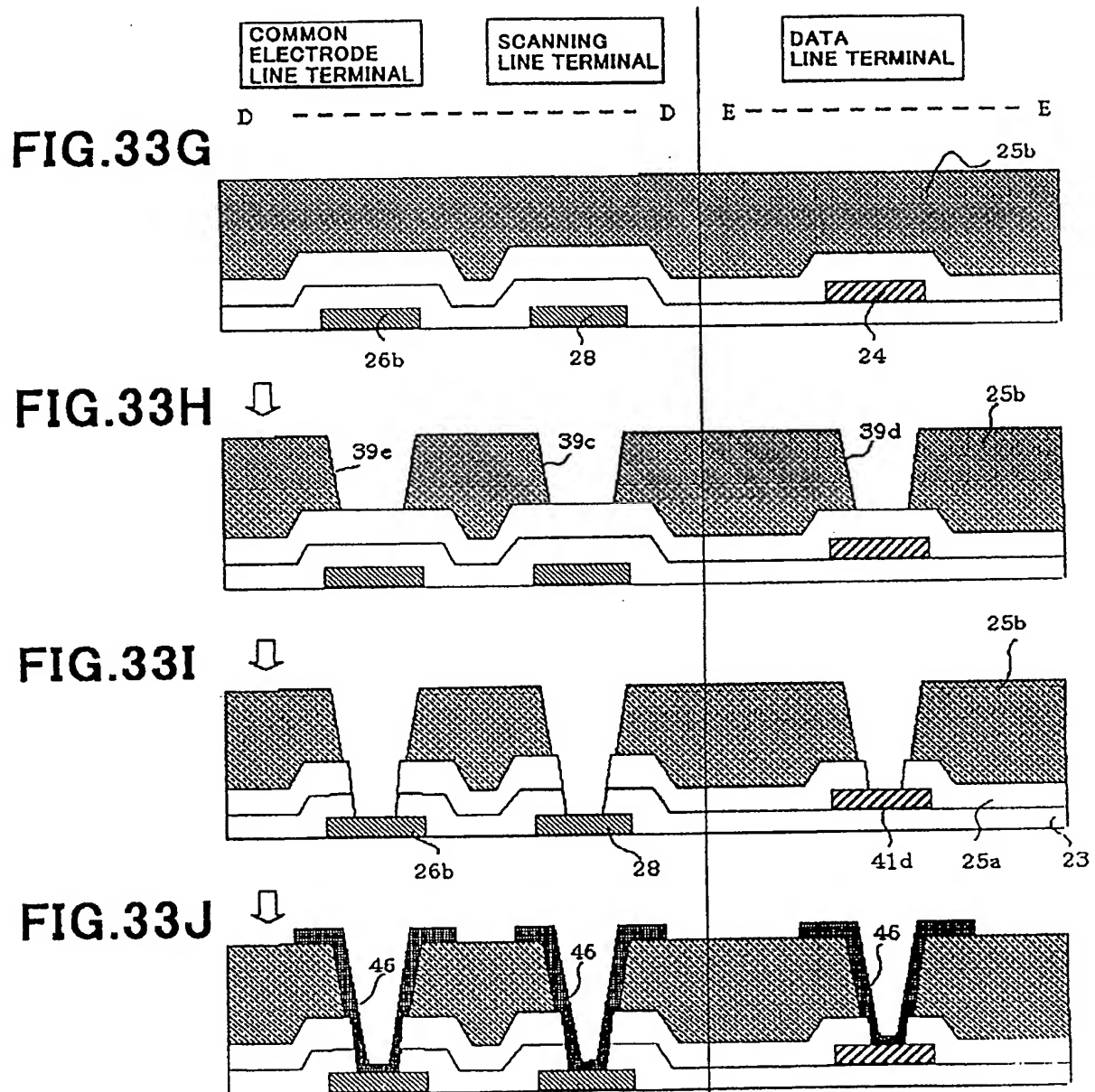


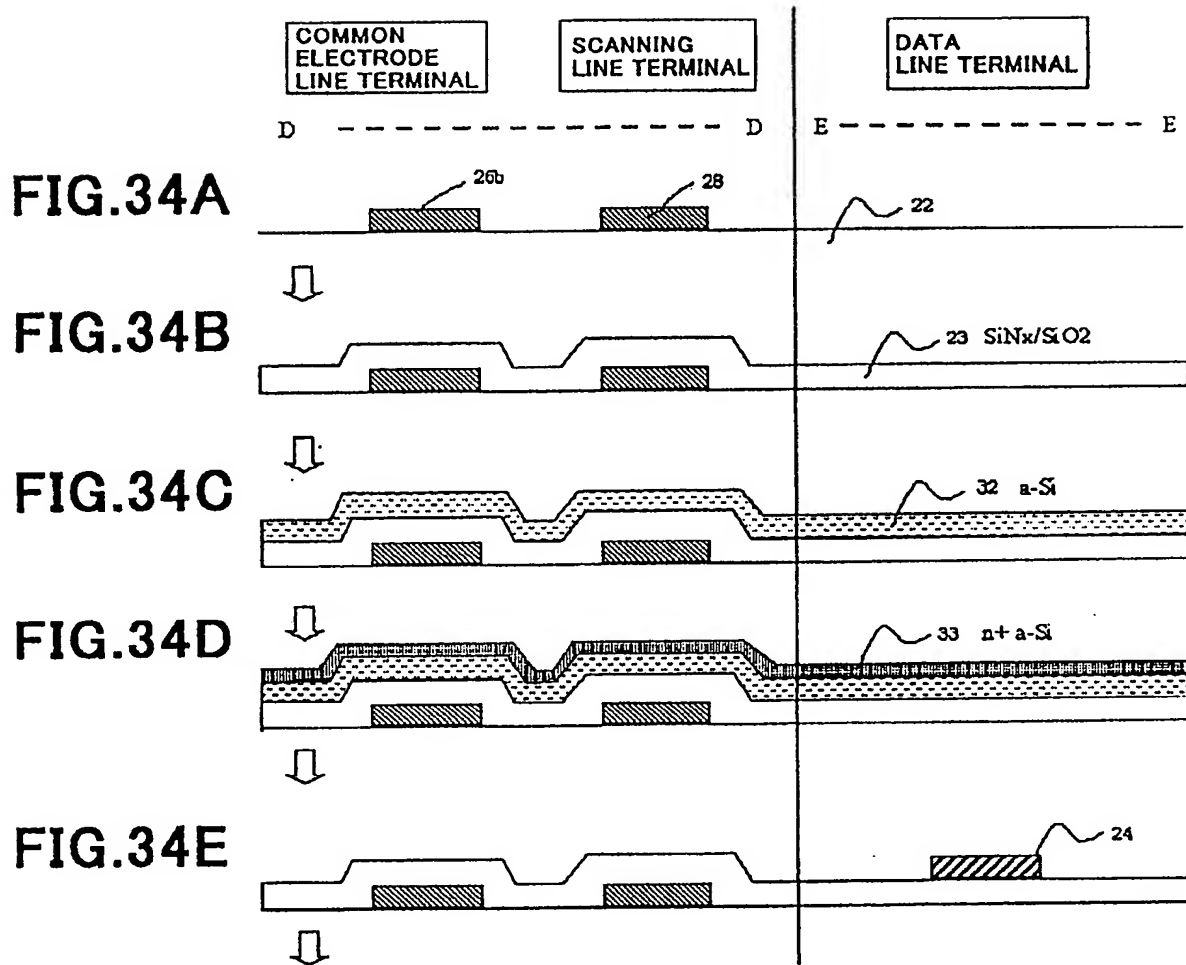
FIG. 32

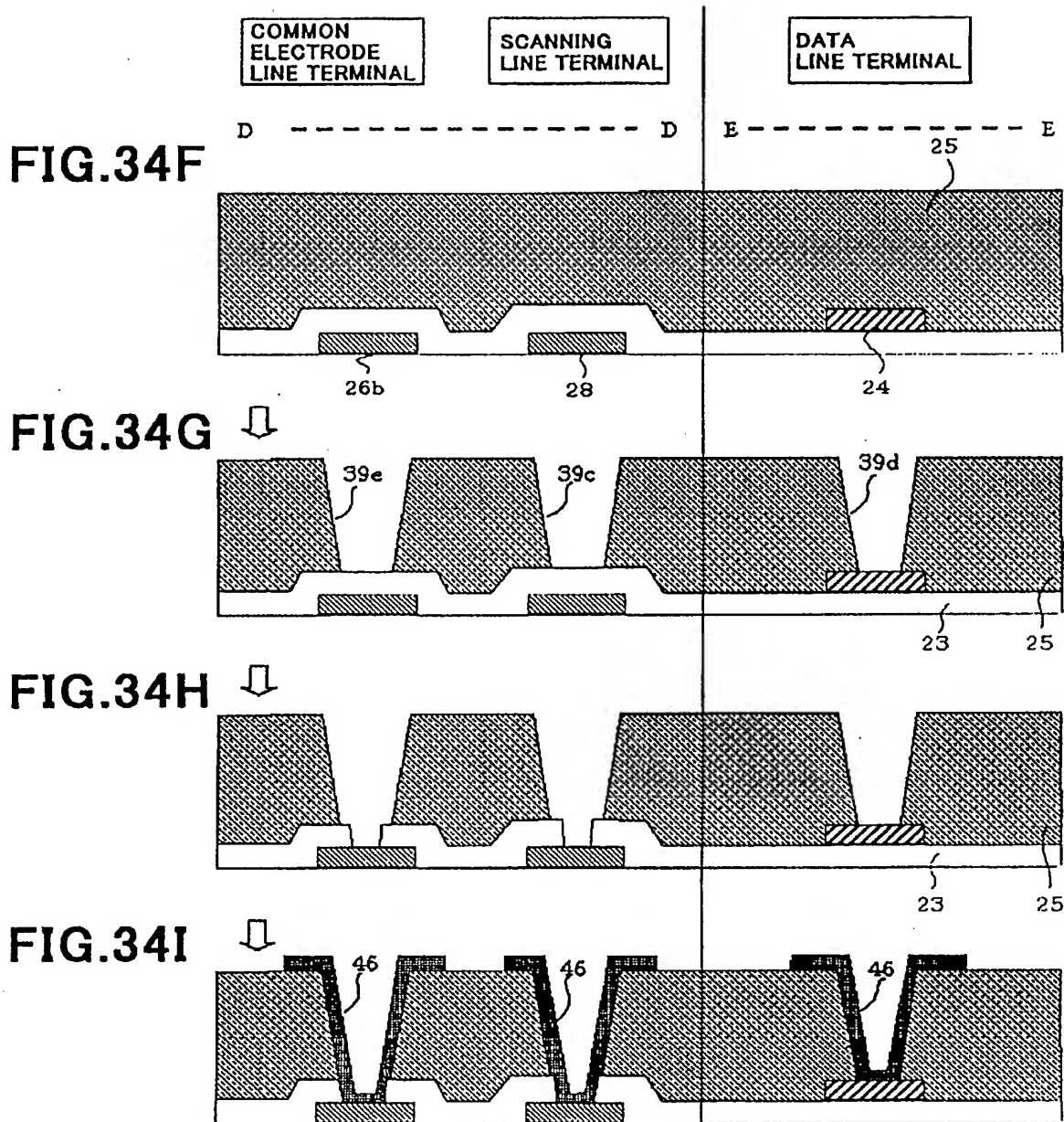












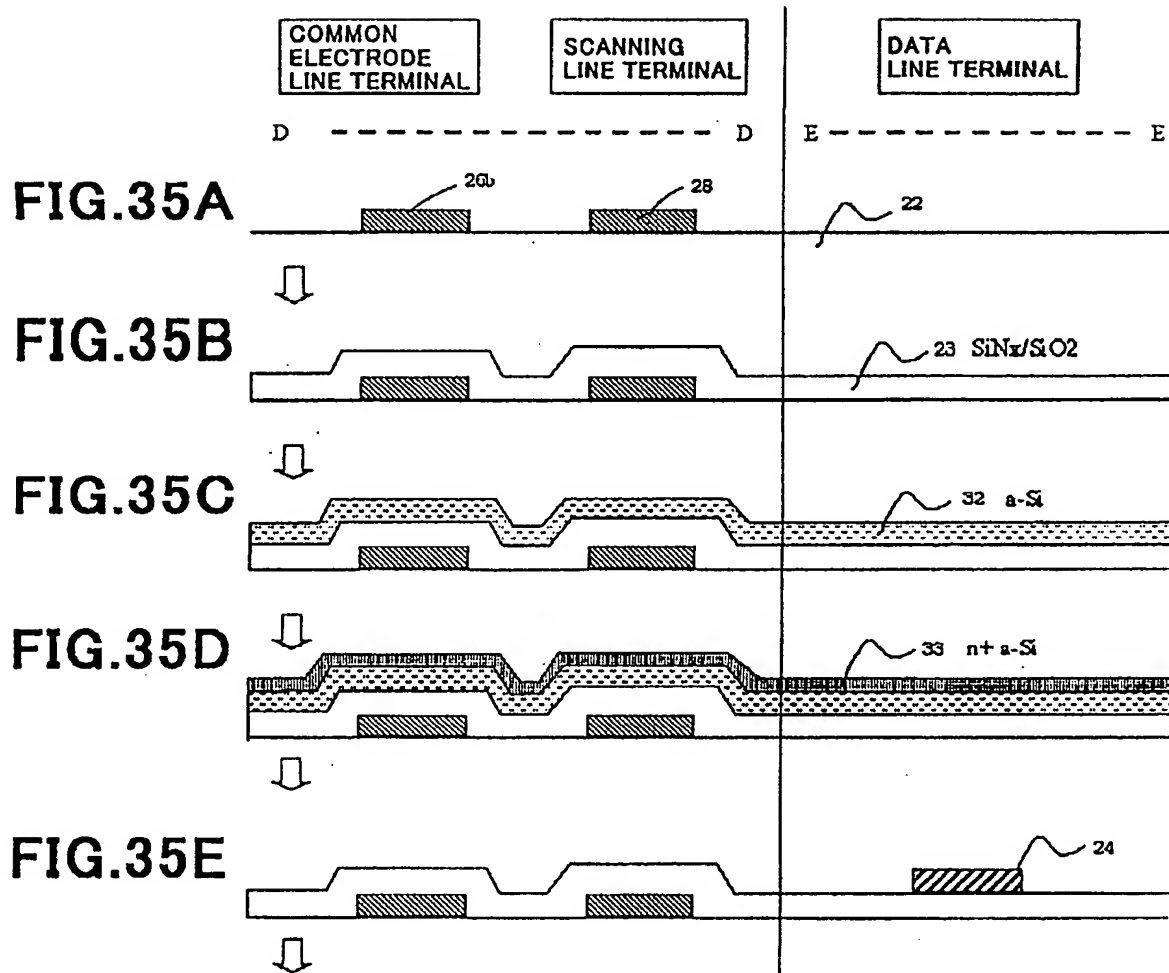


FIG.35F

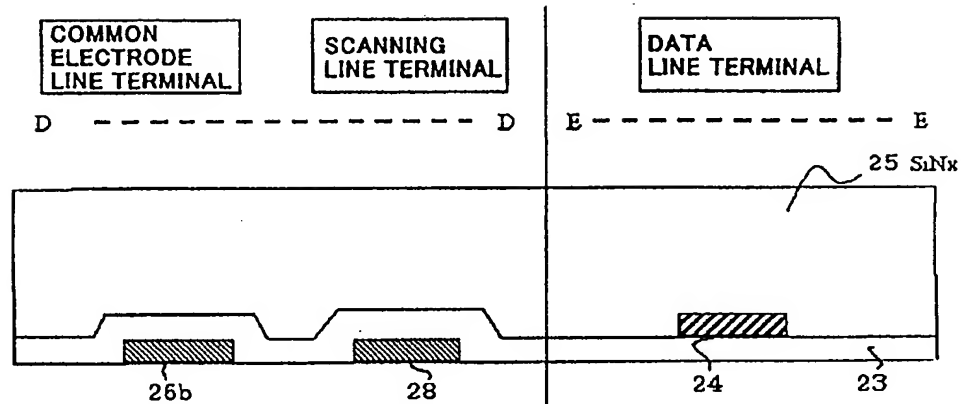


FIG.35G

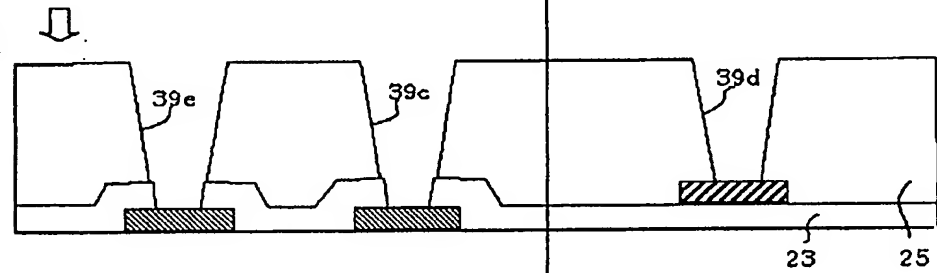


FIG.35H

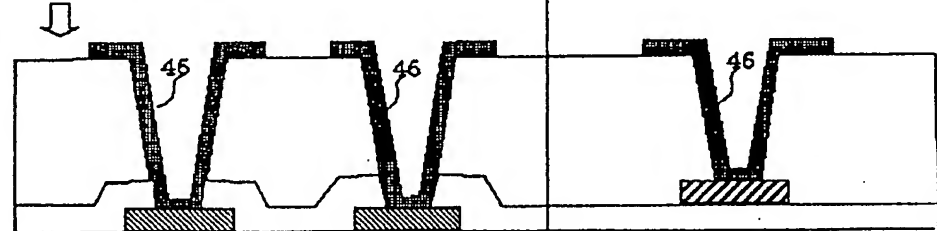


FIG.36

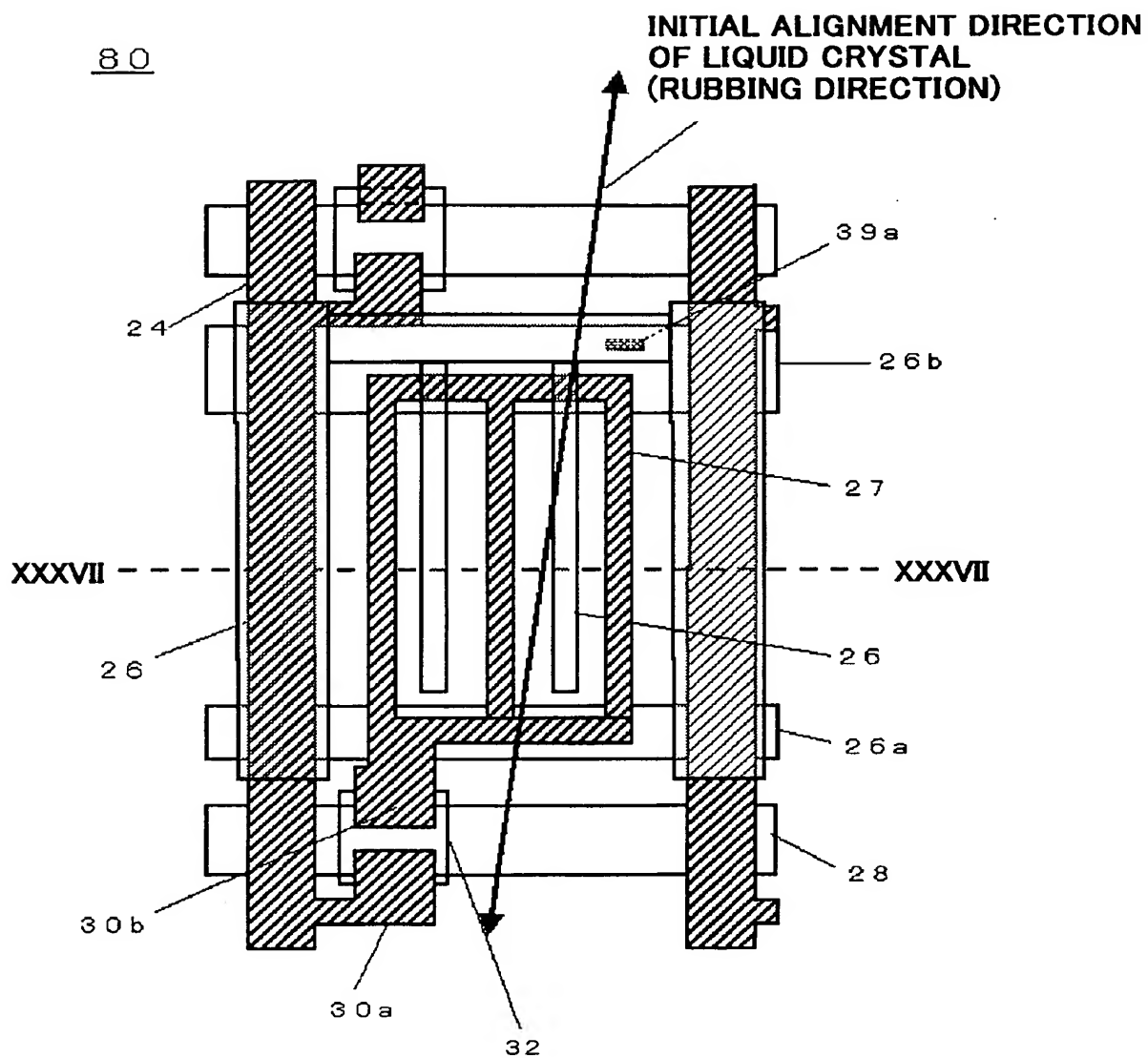


FIG.37

80

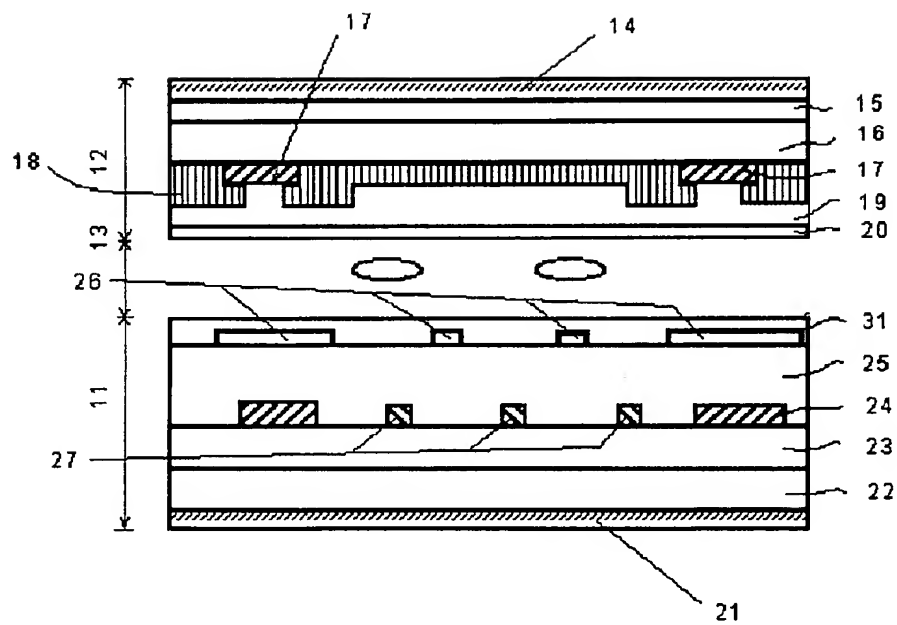


FIG.38

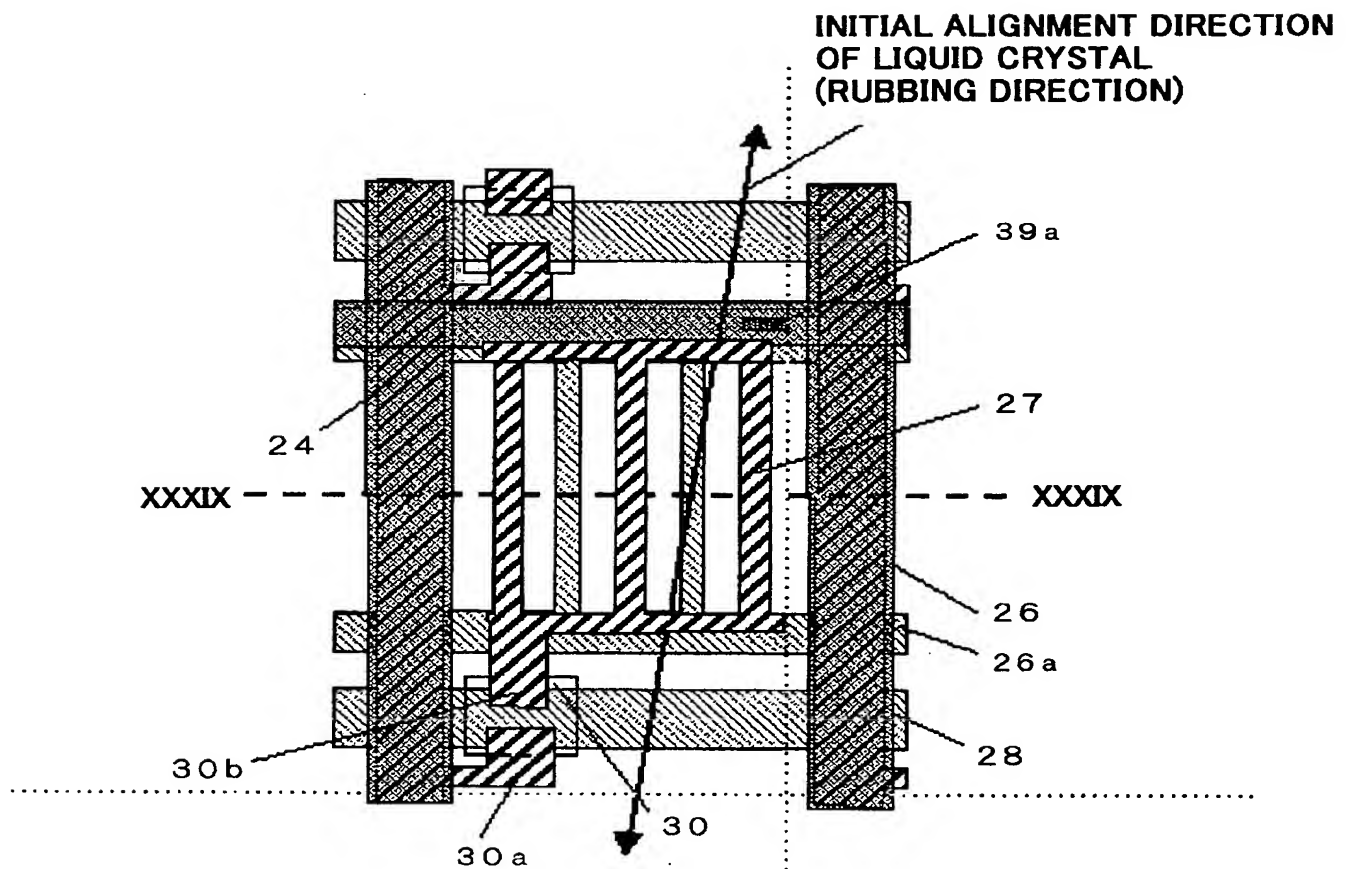
85

FIG.39

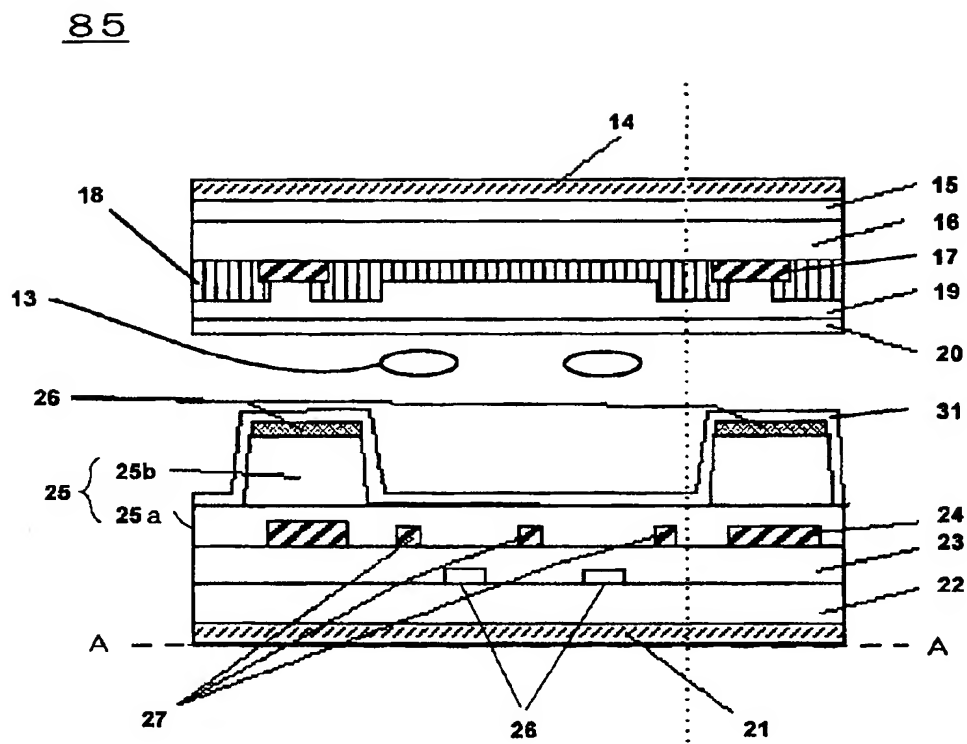




FIG.40

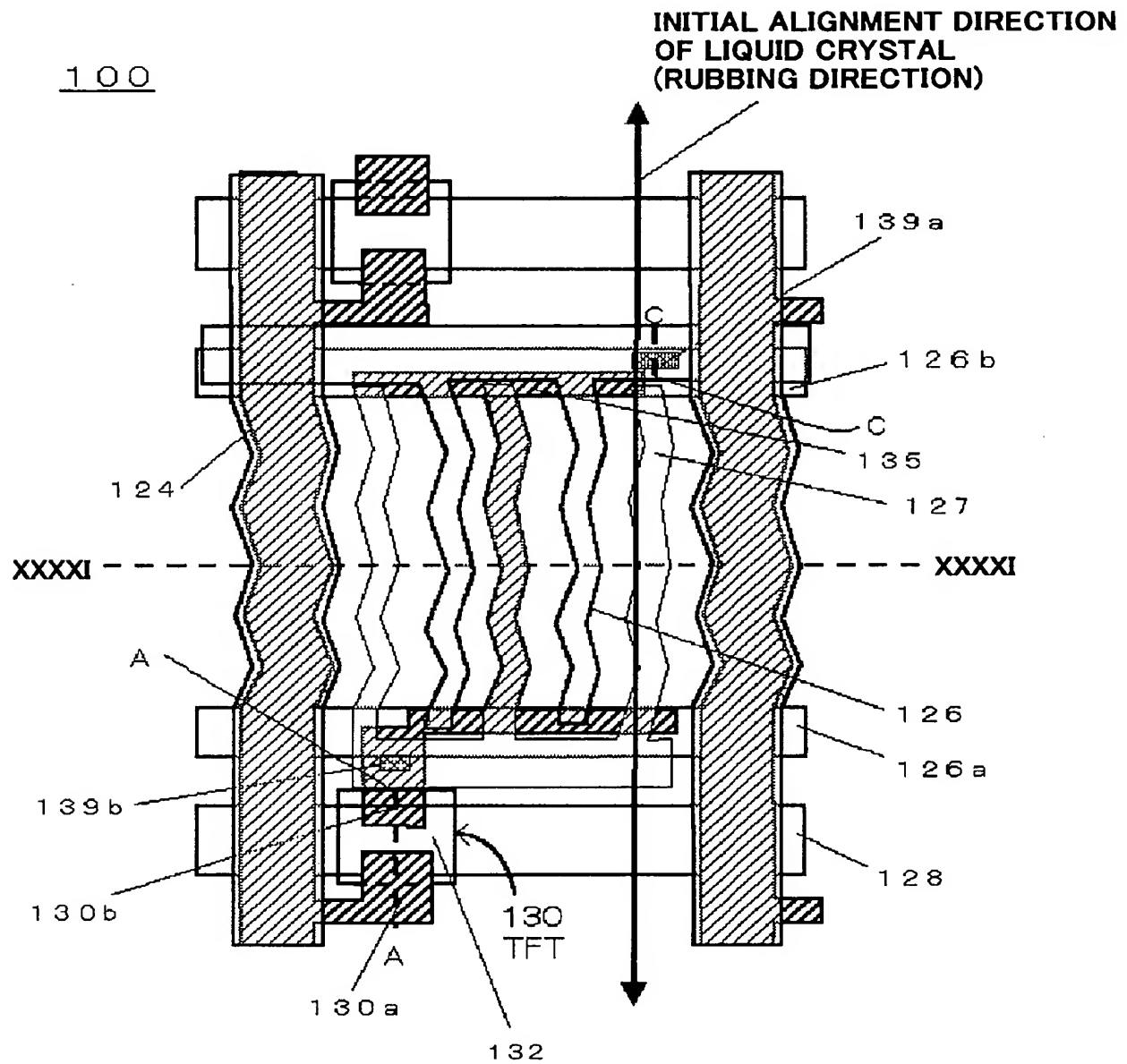


FIG.41

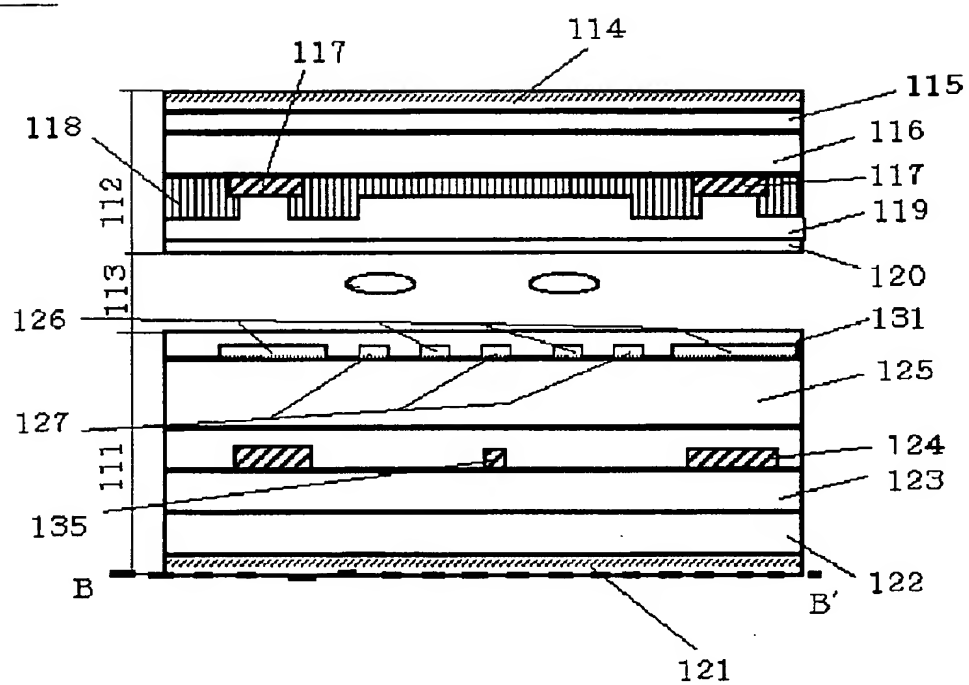
100

FIG.42A

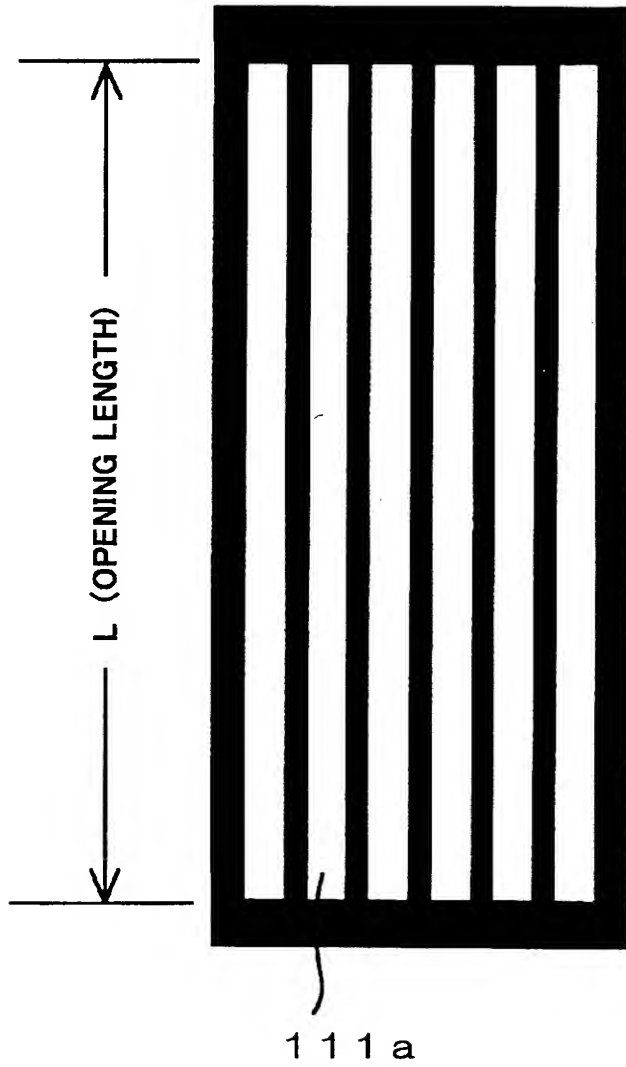
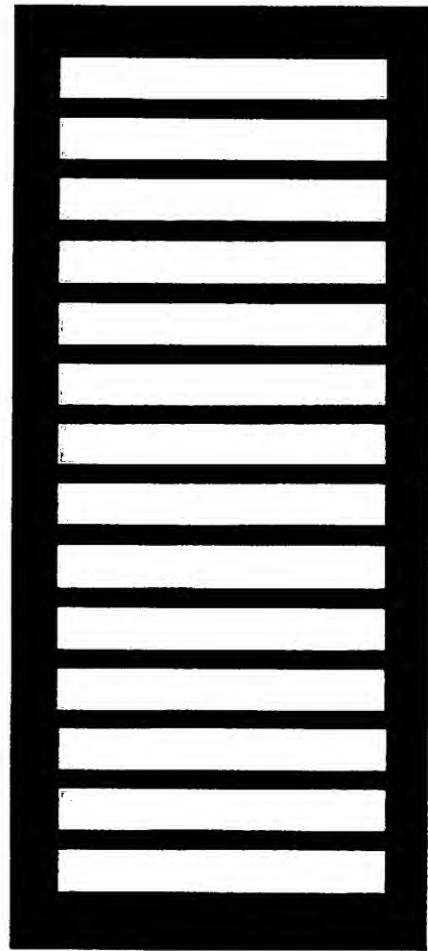
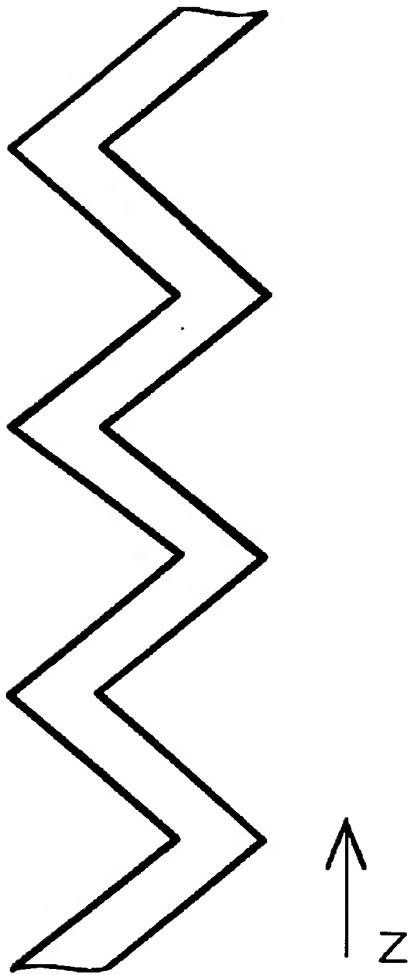


FIG.42B



**FIG.43A**



**FIG.43B**

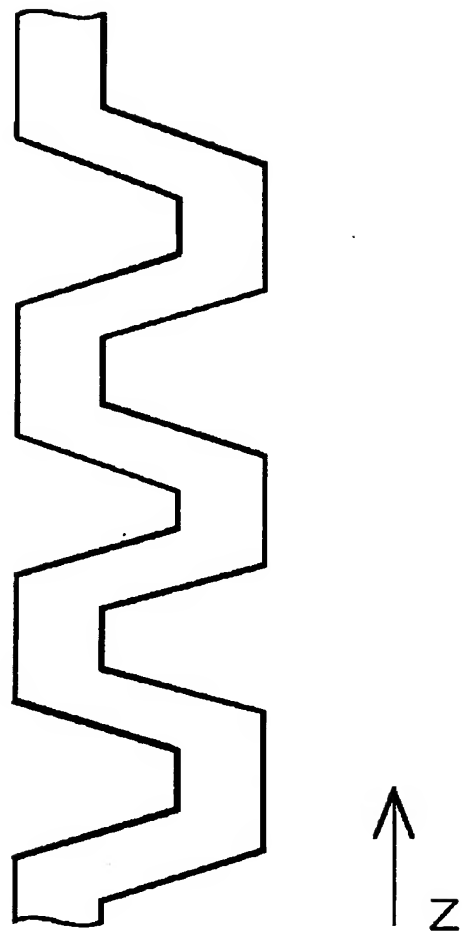


FIG.44

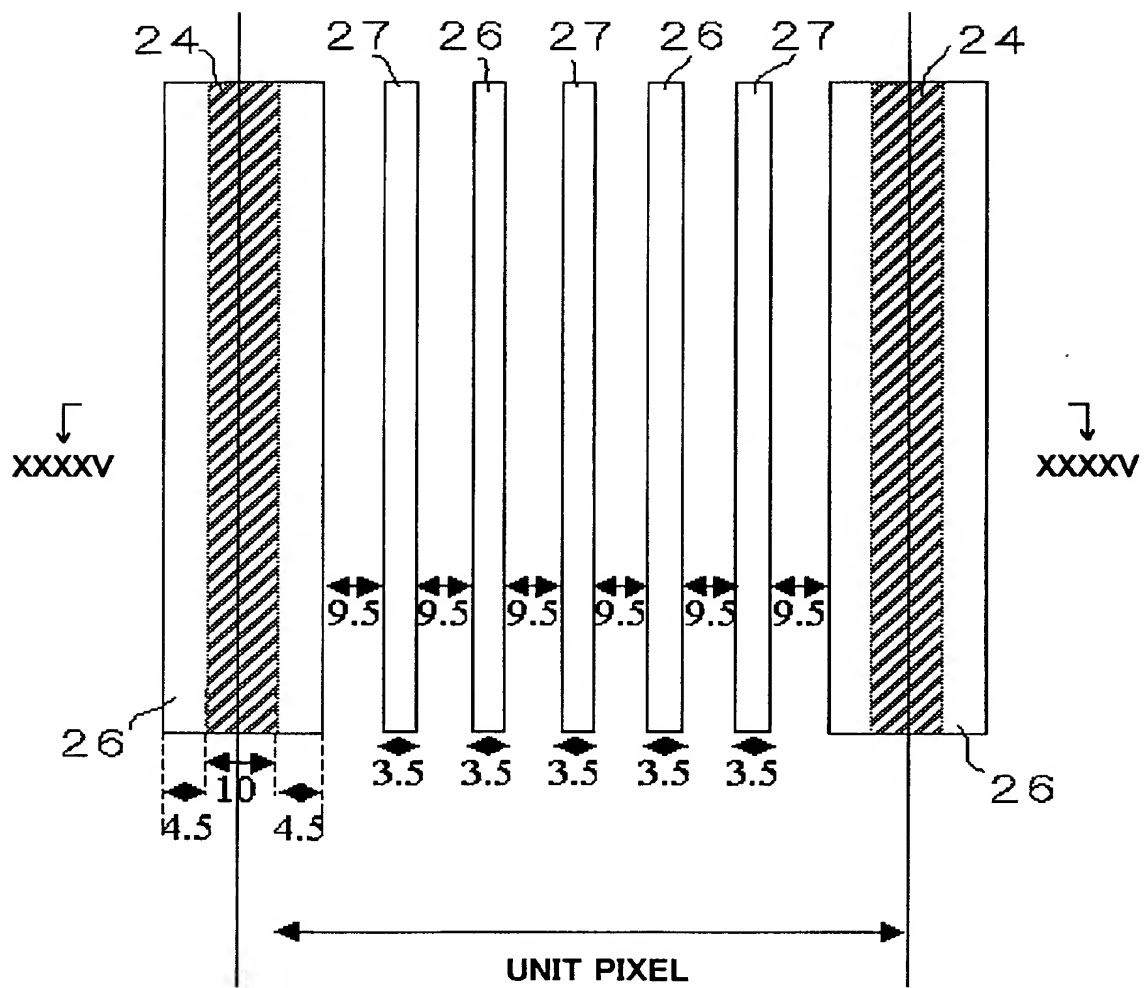
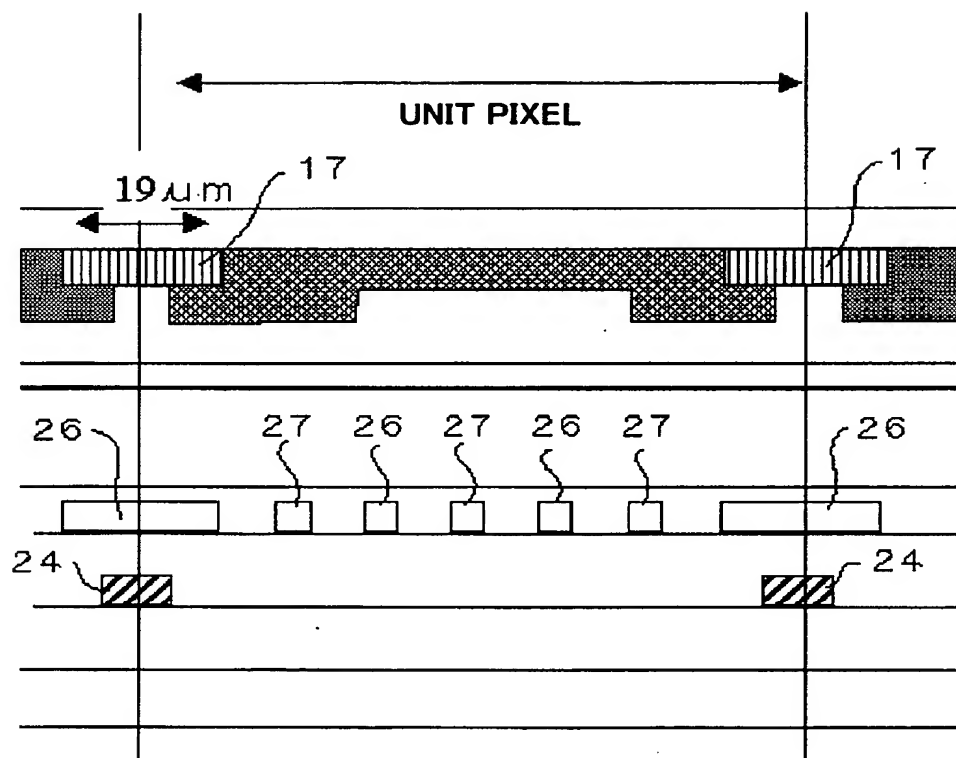
201

FIG.45

201

OPENING AREA =  $57 \times (\text{LONGITUDINAL LENGTH})$

FIG.46

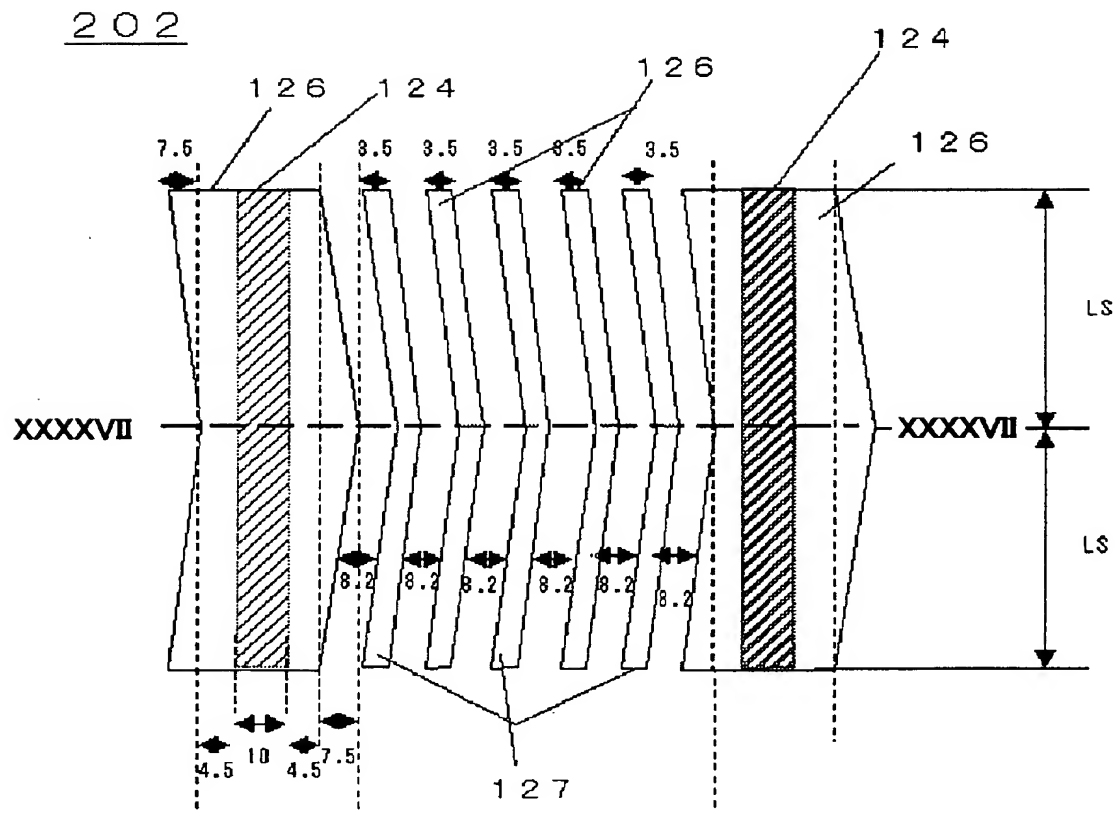
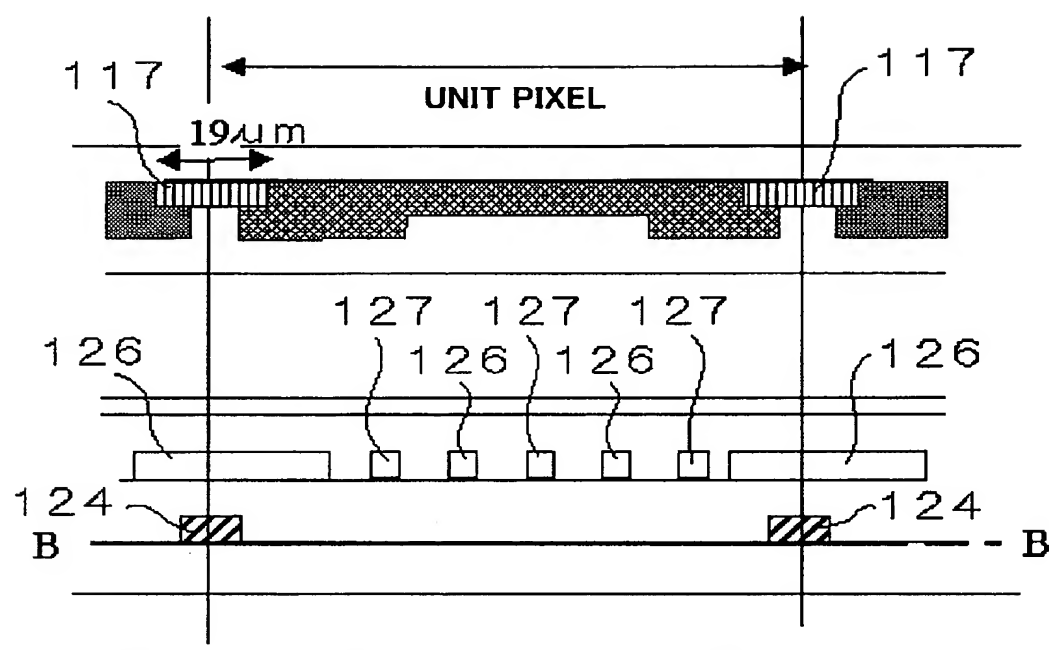


FIG.47

202

OPENING AREA = 49.2 x (LONGITUDINAL LENGTH)



FIG.48

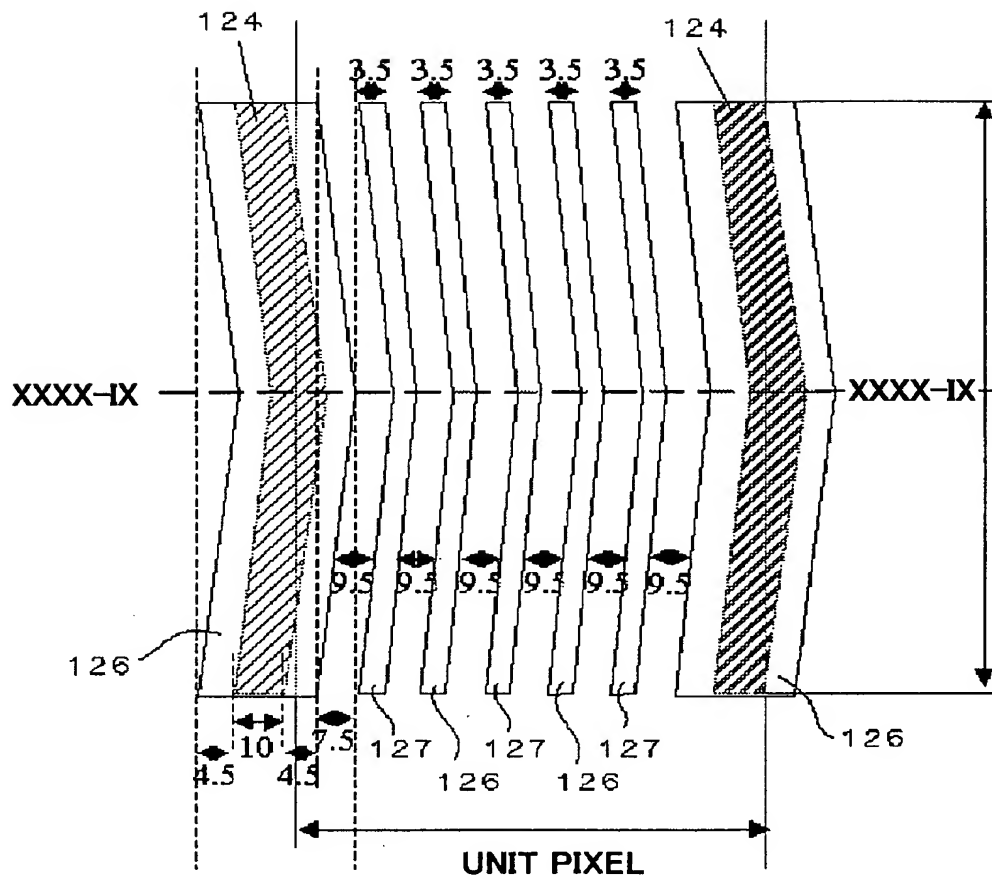
203

FIG.49

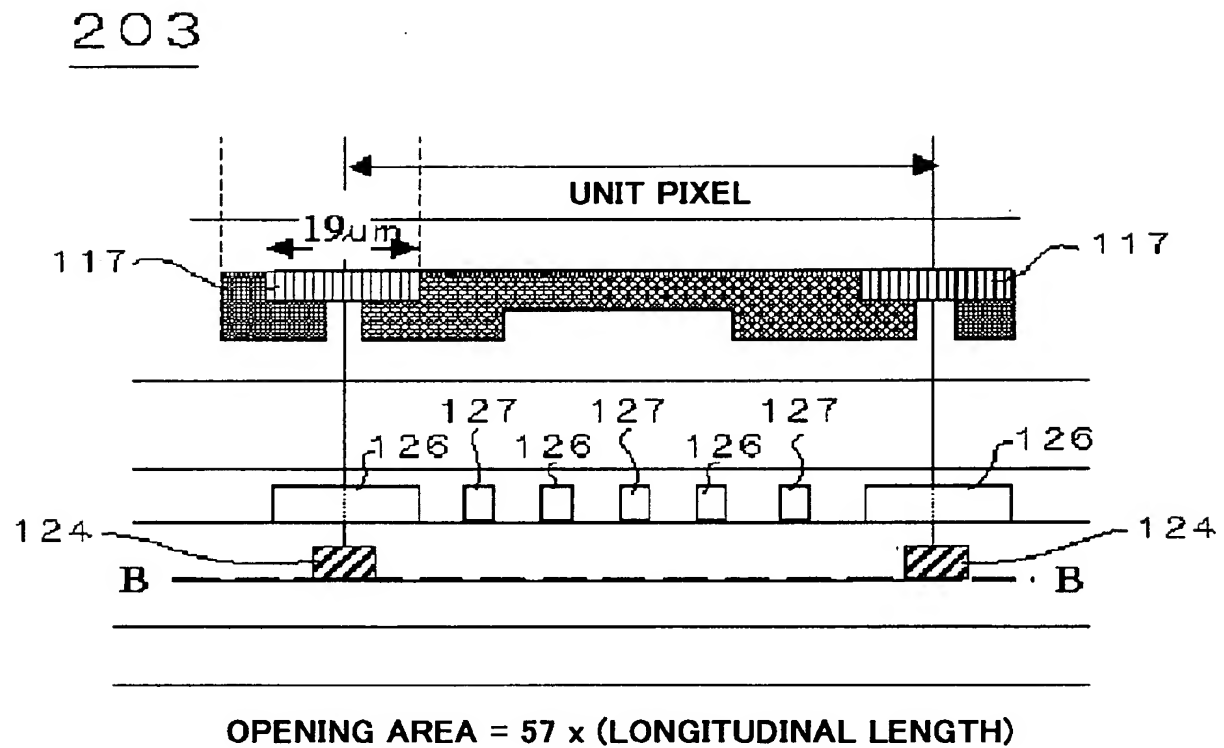
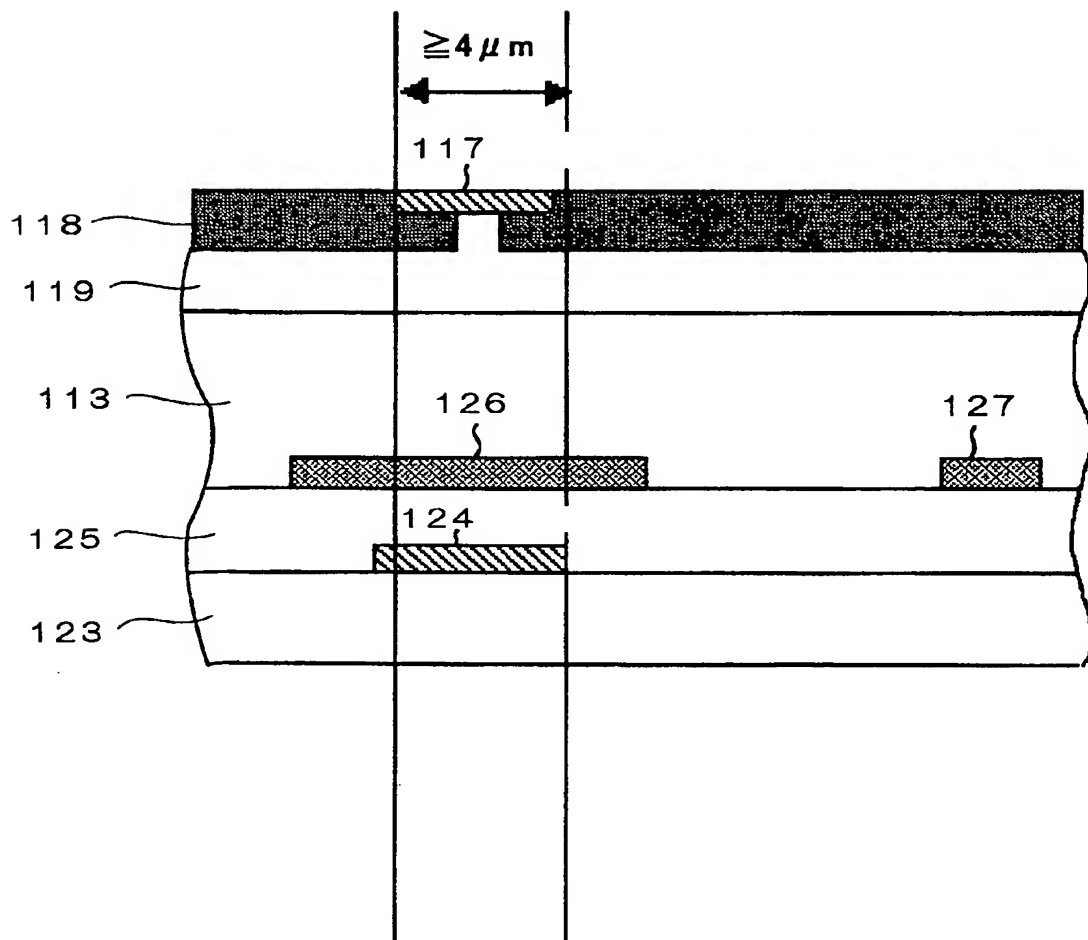


FIG.50



**FIG. 51**

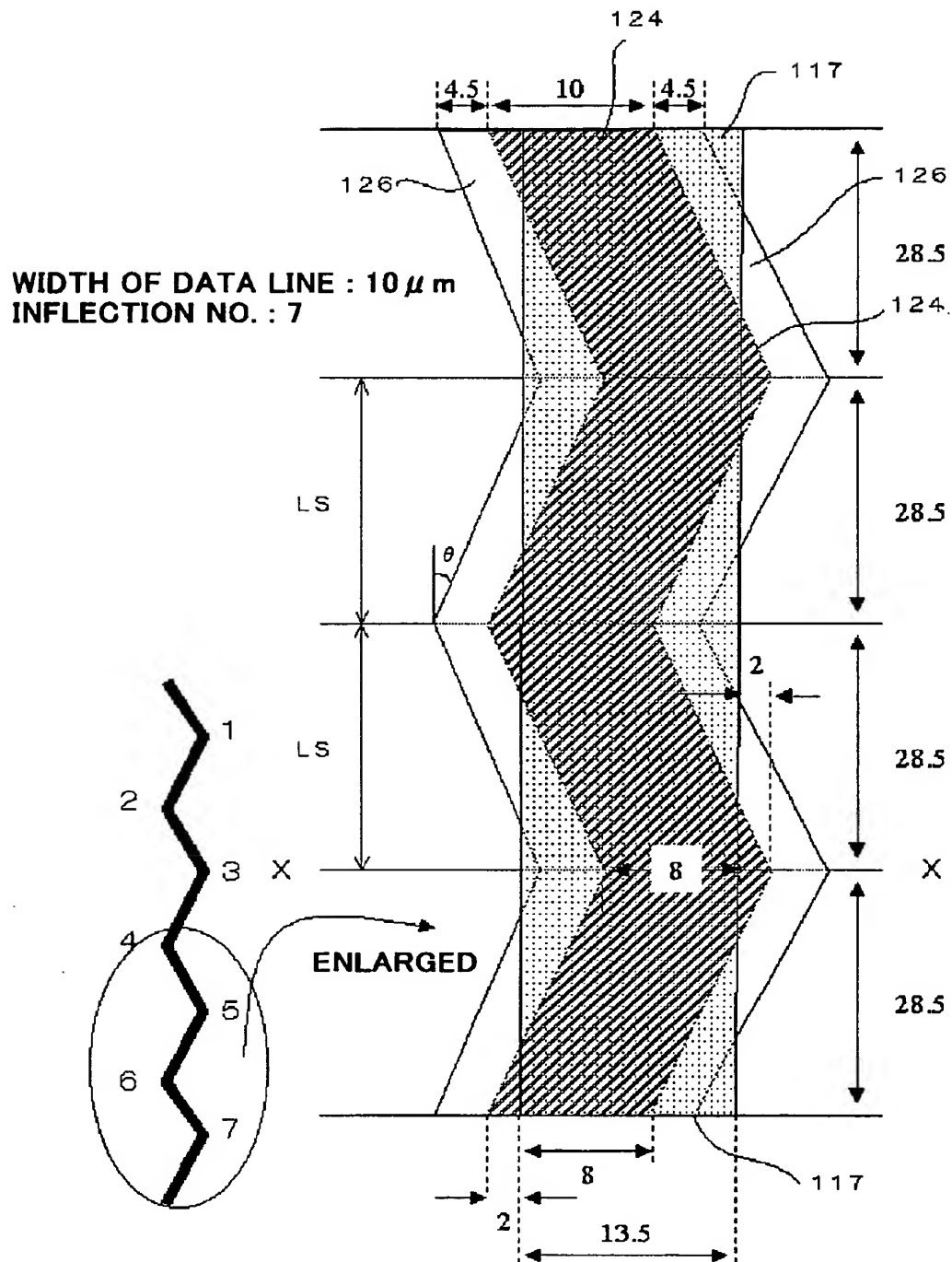


FIG.52

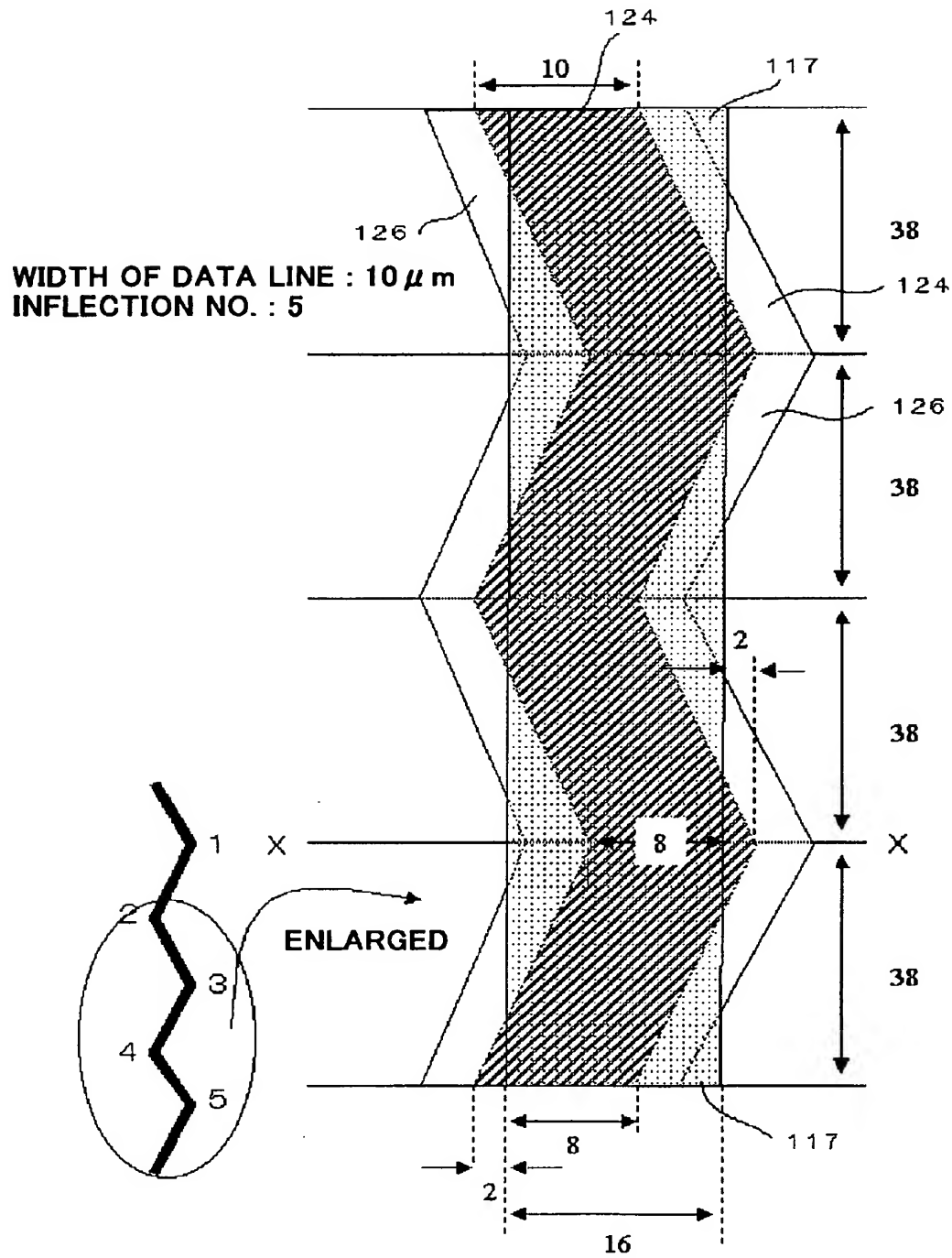


FIG.53

## MINIMUM WIDTH OF BM

$$D_{min} = D + LS \times \tan \theta - (D-8) \times 2$$

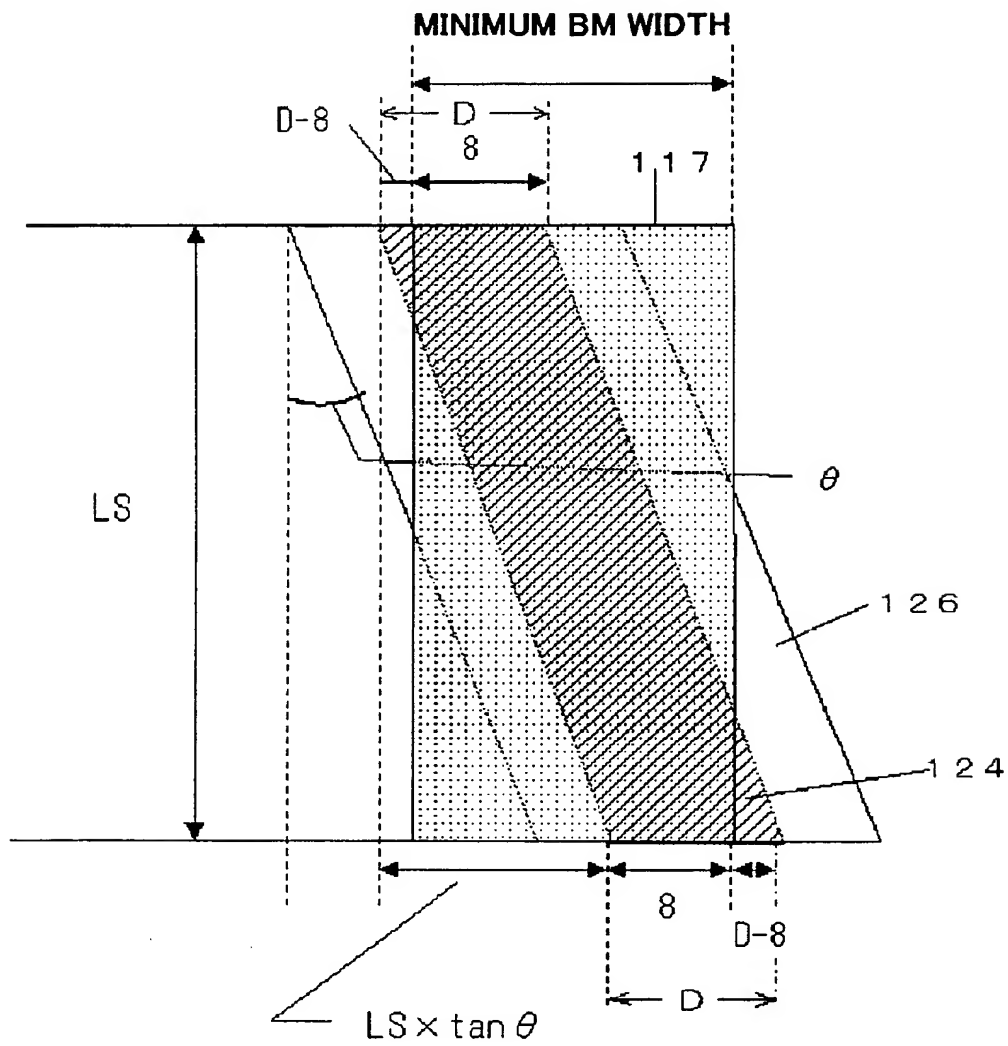


FIG.54

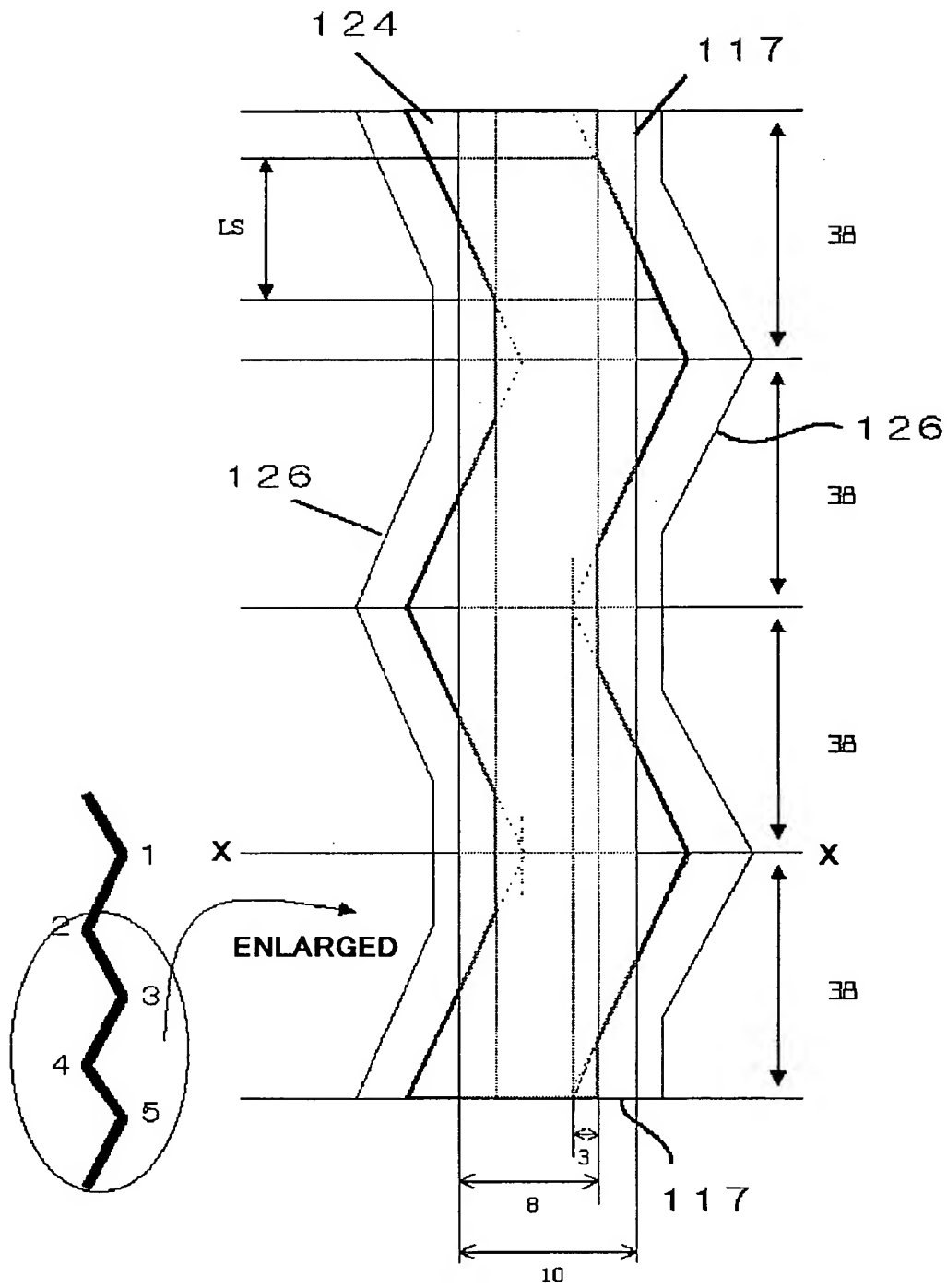
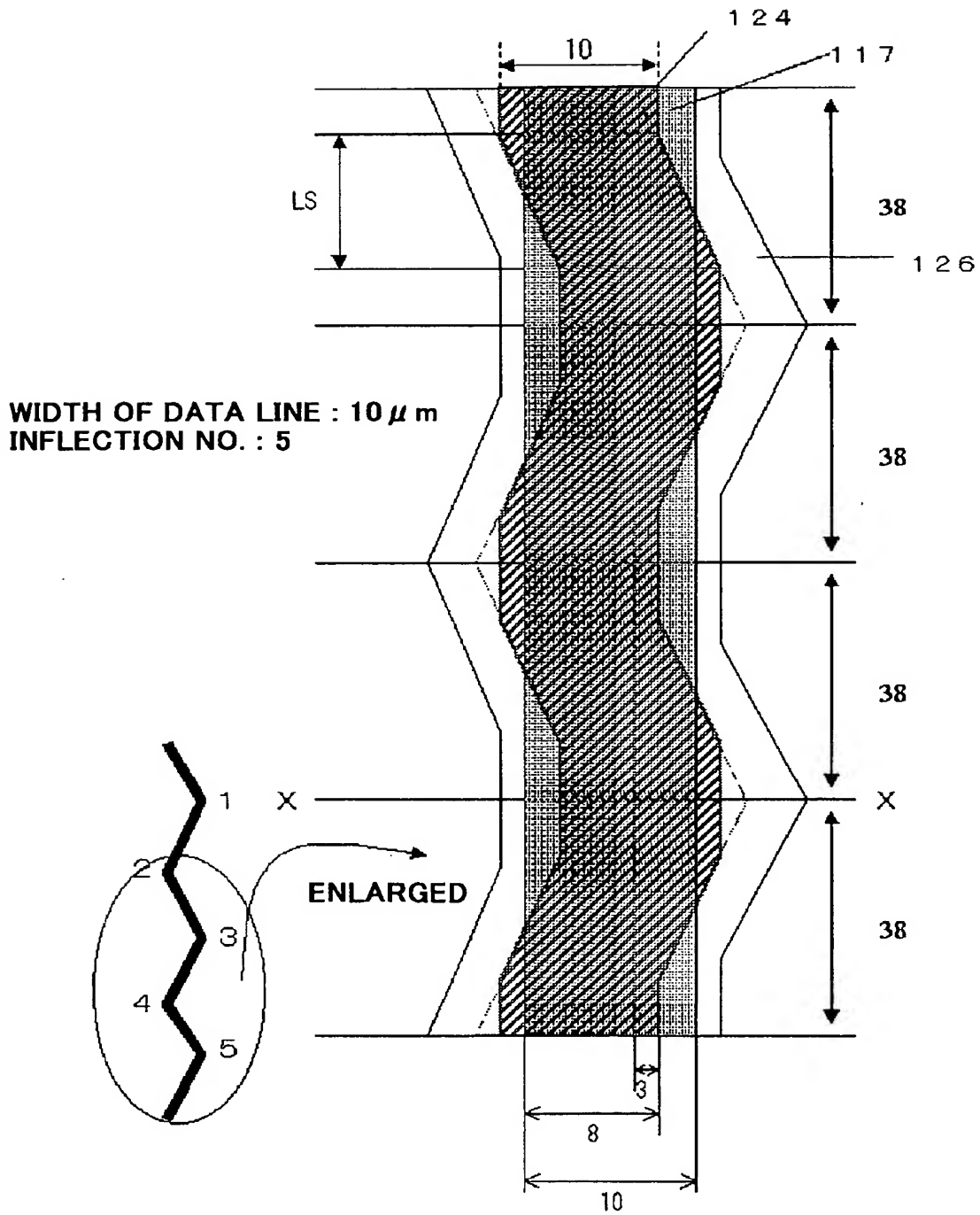


FIG. 55





65/77

FIG.56

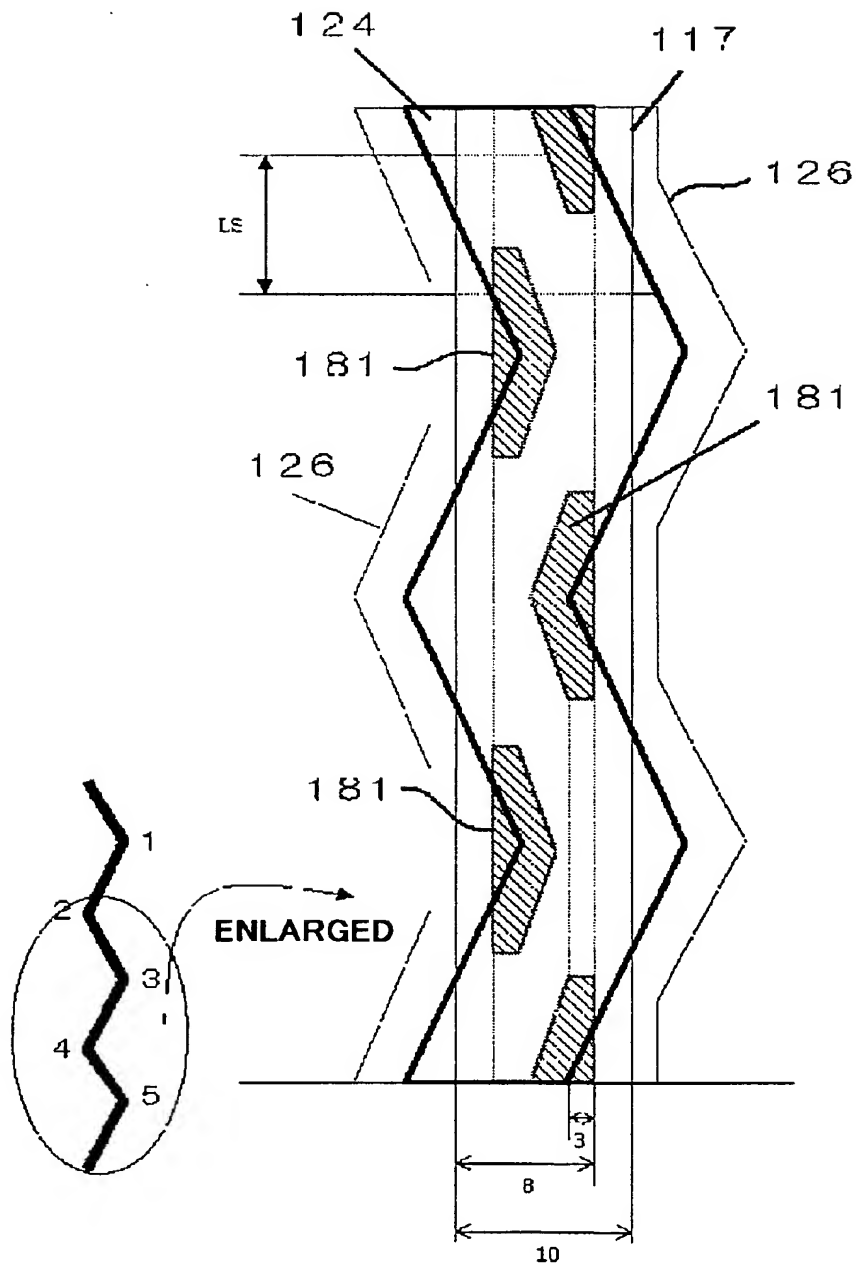
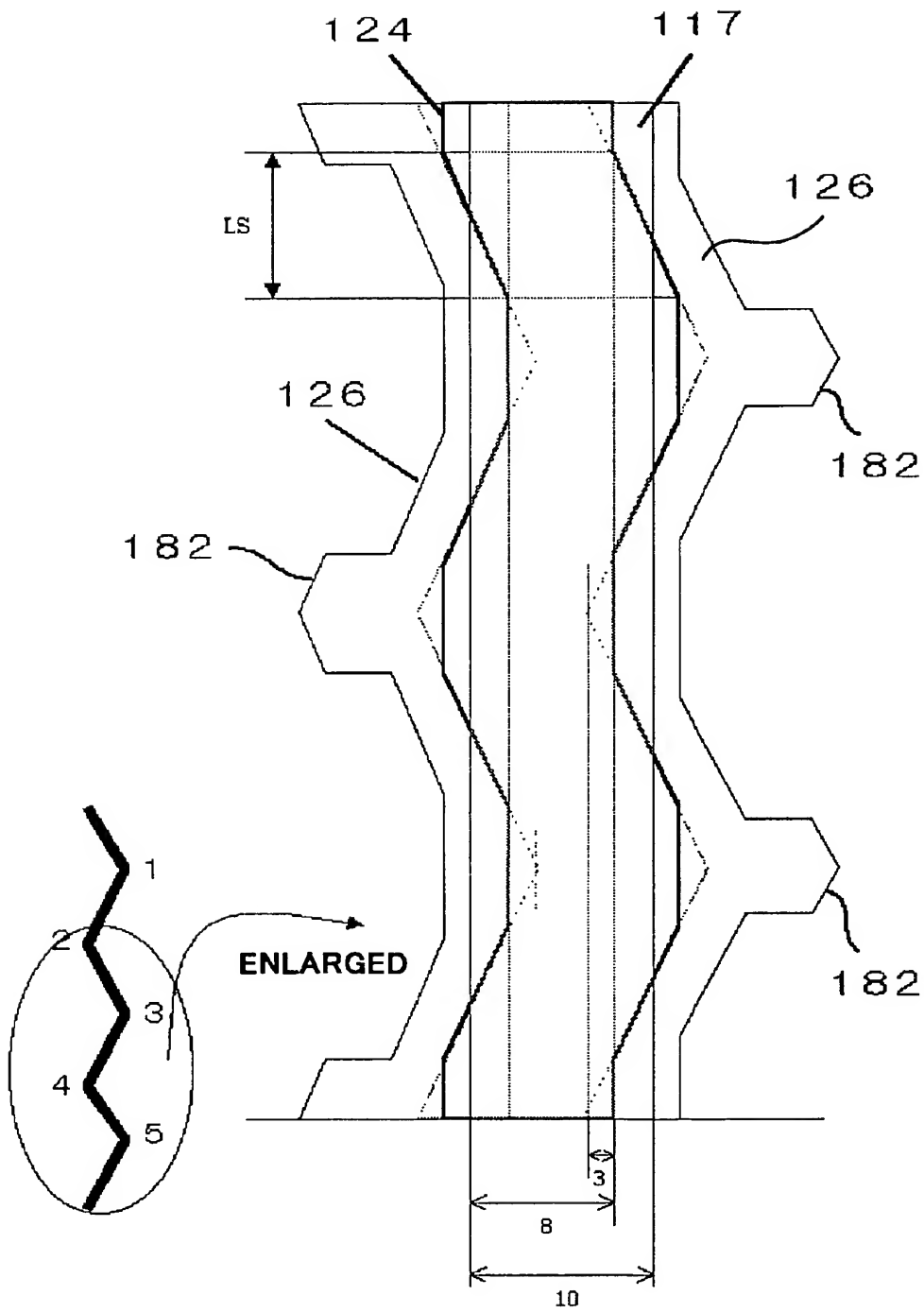


FIG.57



67/77

FIG.58

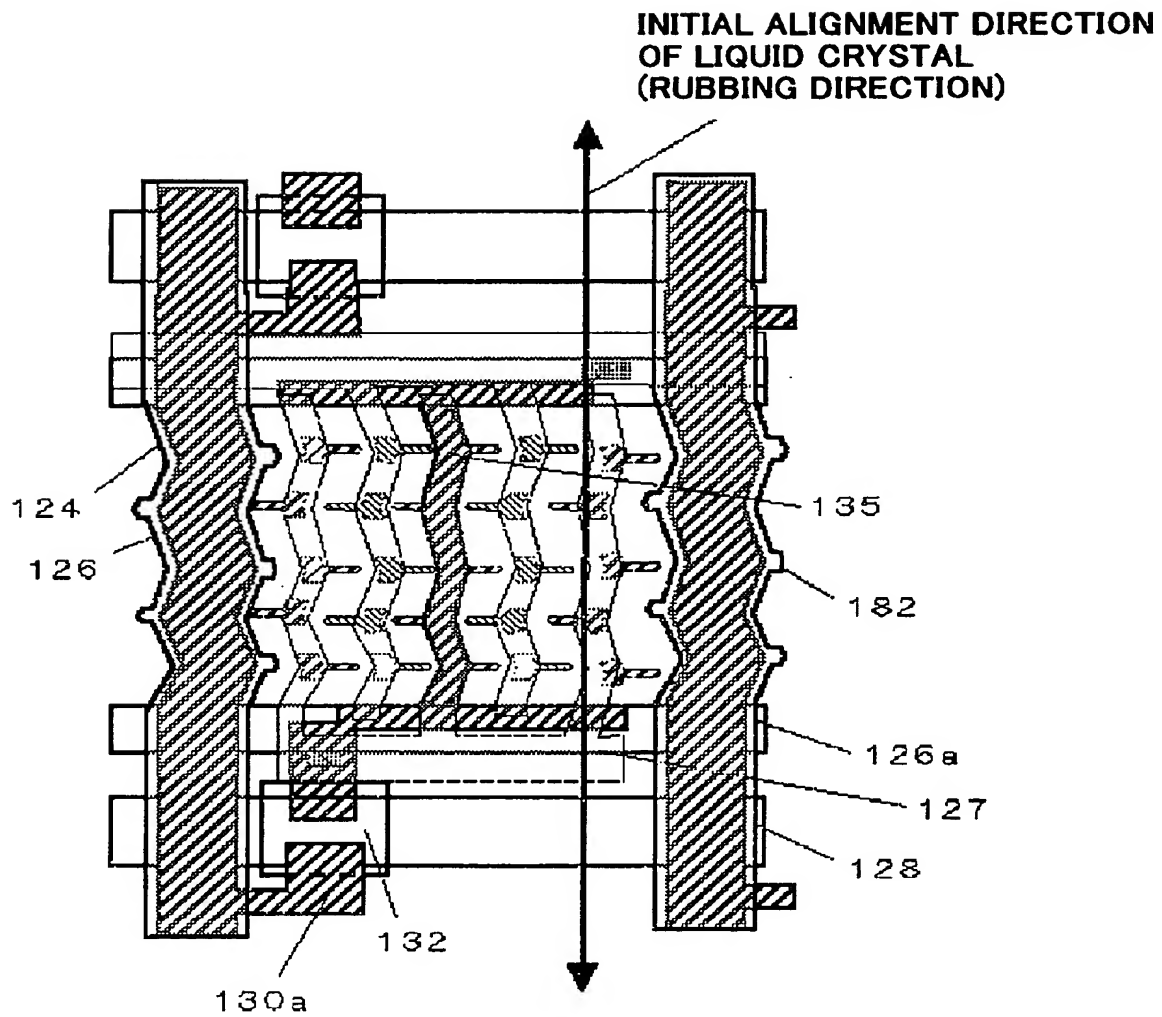


FIG.59

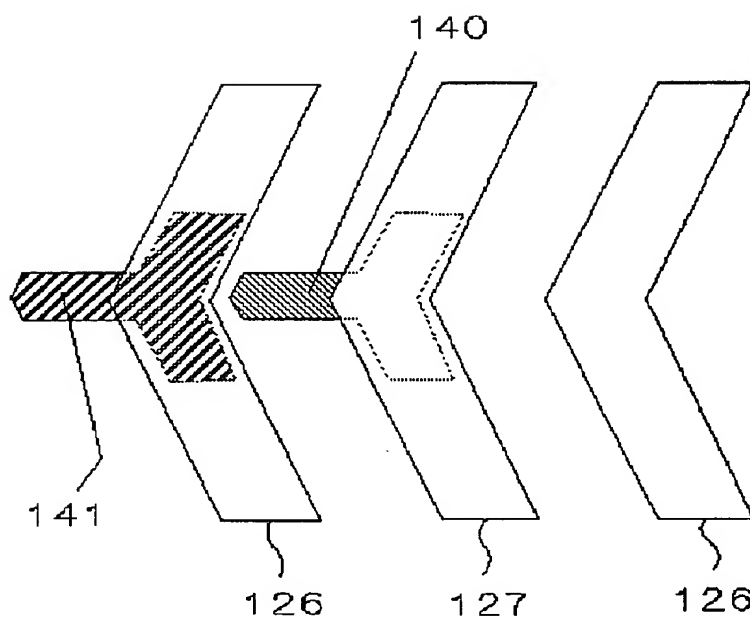


FIG. 60

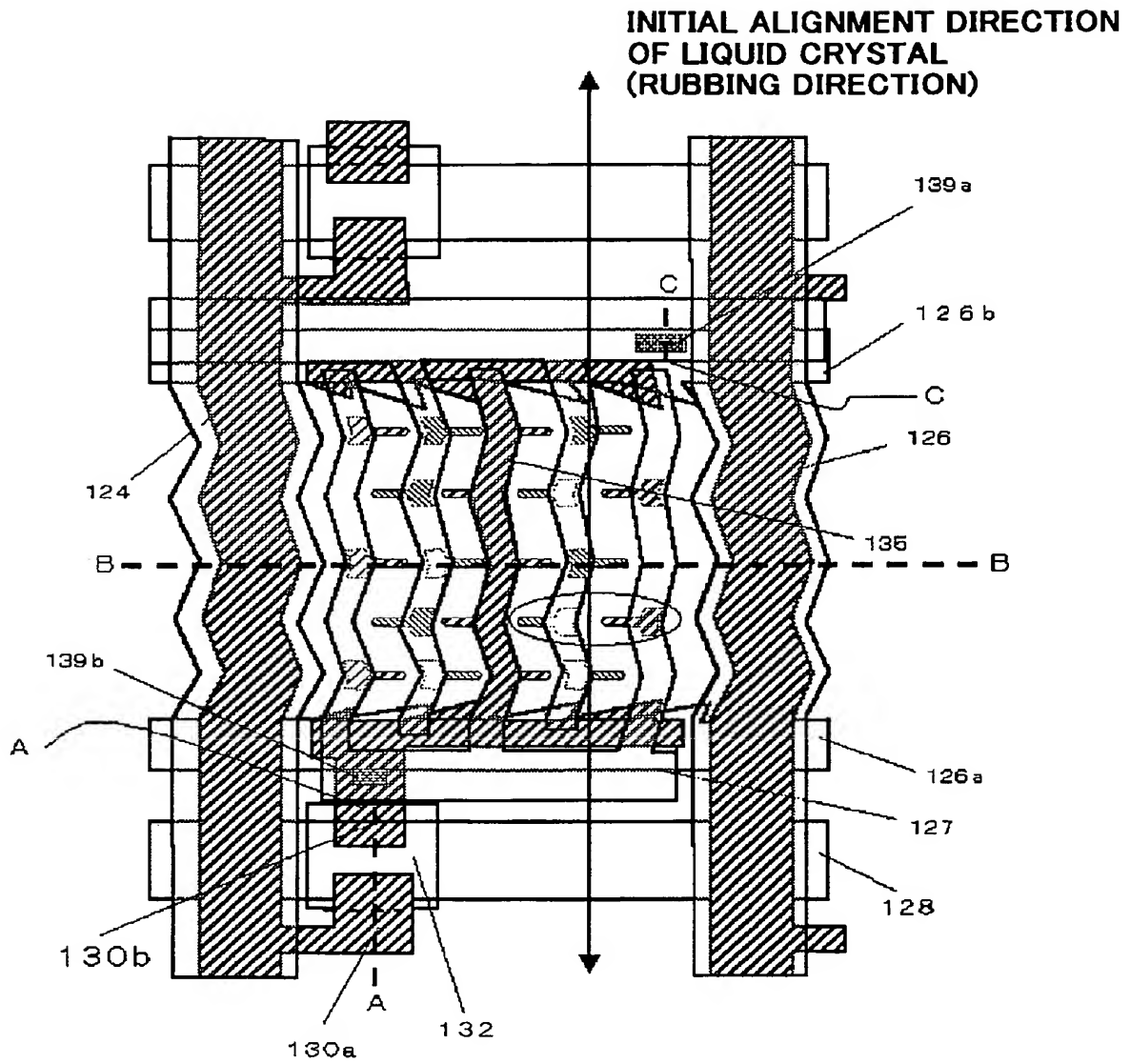
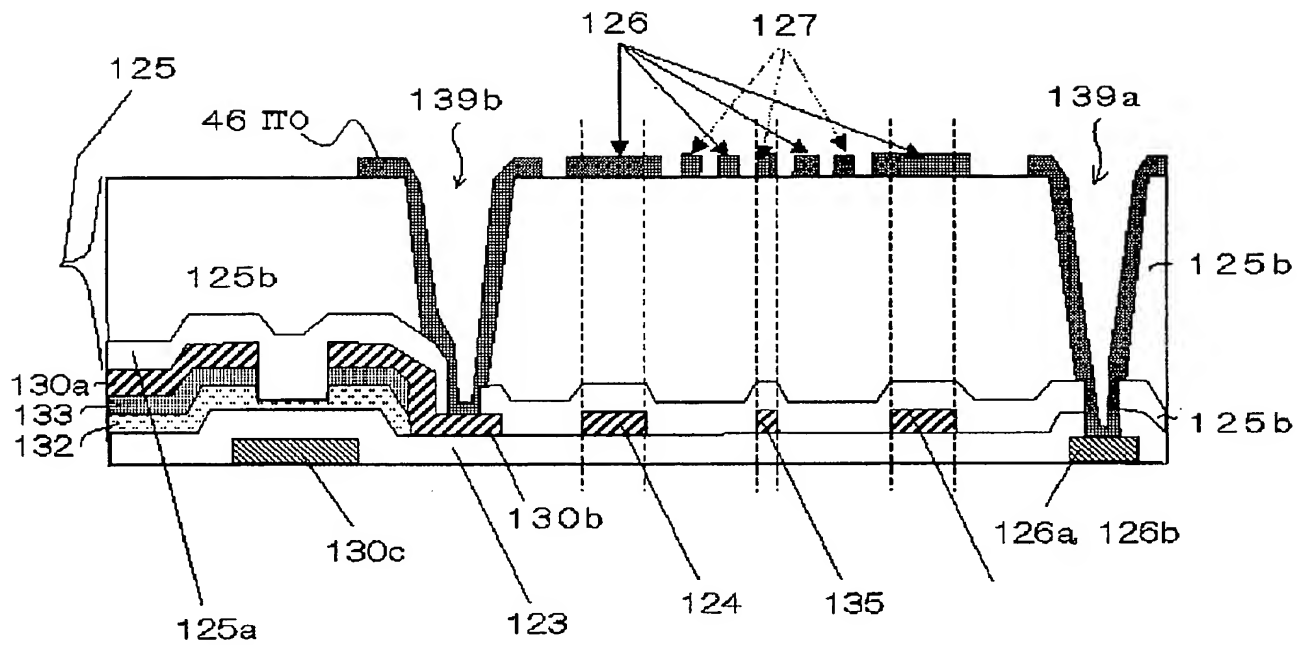


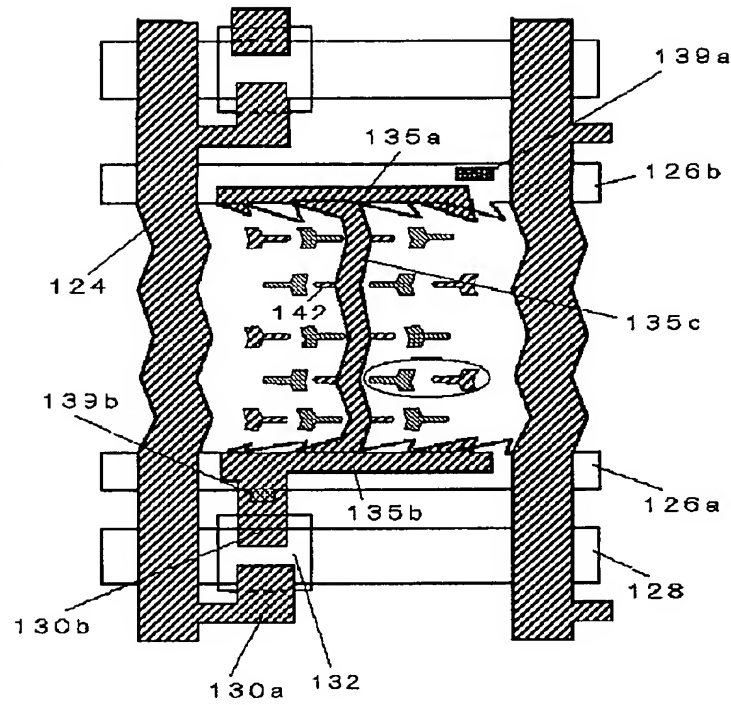
FIG. 61



TFT REGION	PIXEL REGION	CONTACT HOLE REGION
(A-A)	(B-B)	(C-C)

**FIG.62A**

LAYERS OTHER  
THAN ITO LAYER



OVERLAPPED

**FIG.62B**

ITO LAYER

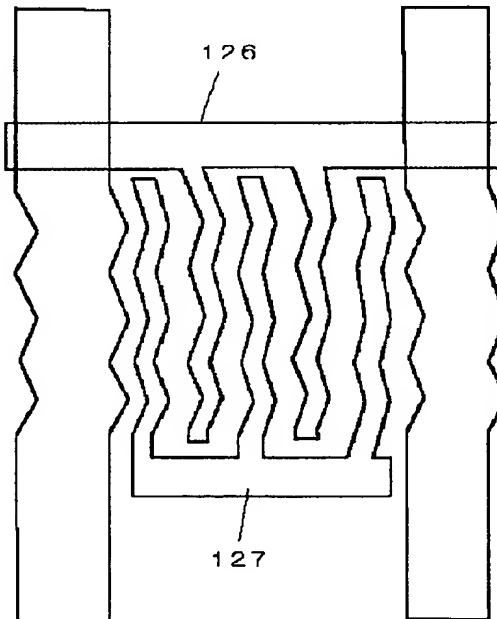


FIG. 65

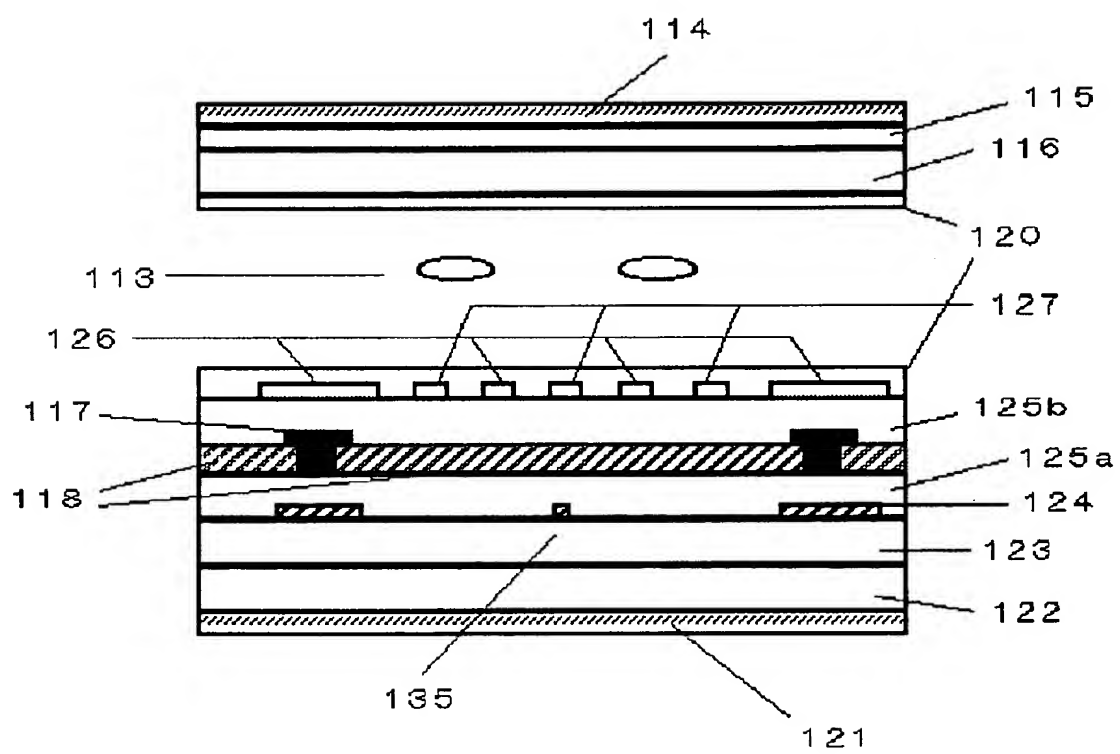




FIG.66

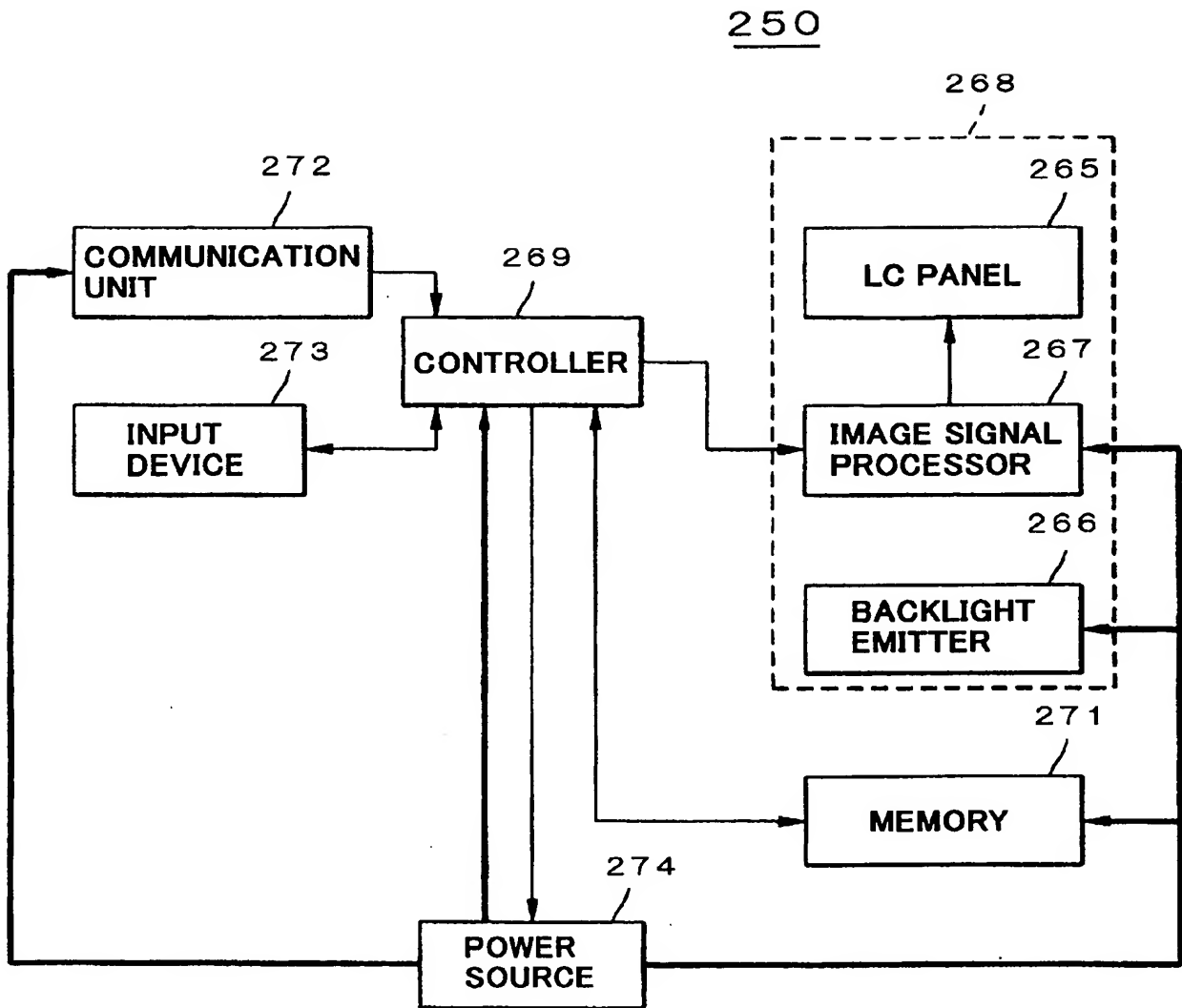


FIG.67

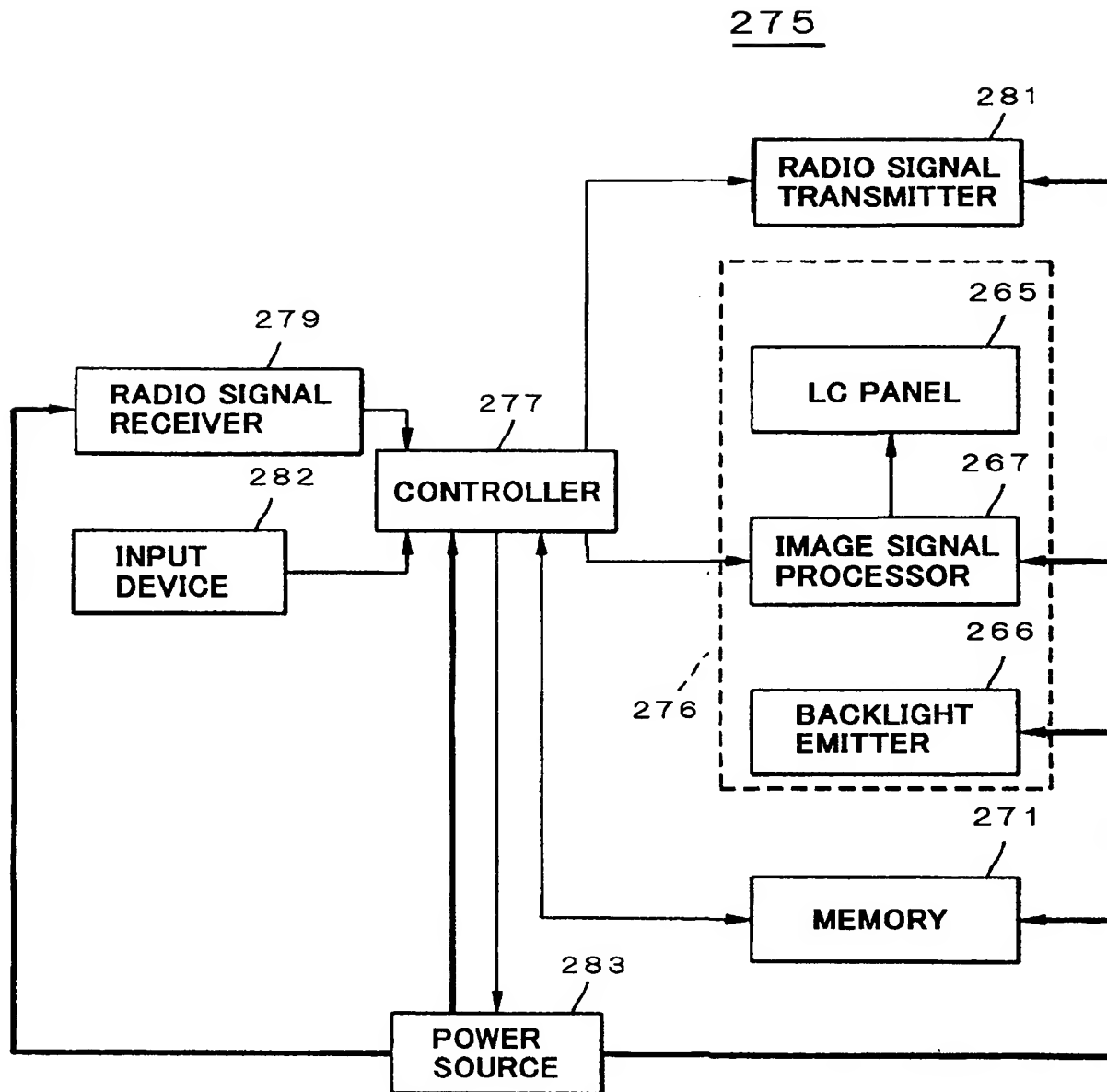


FIG. 65

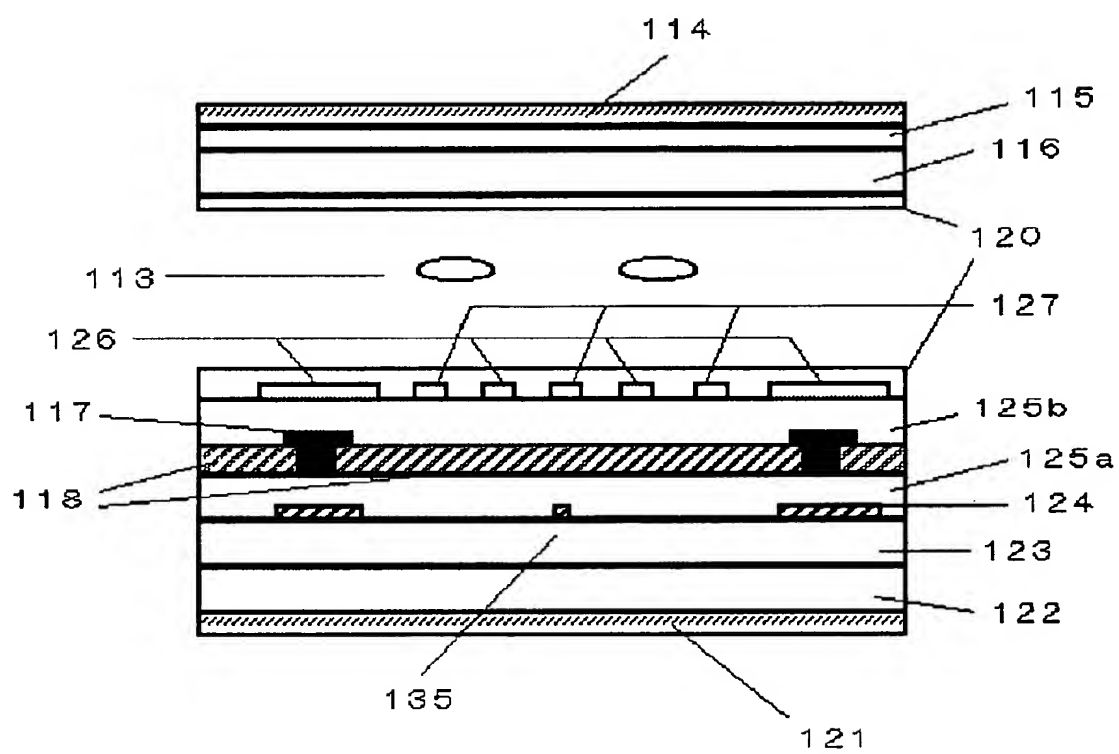


FIG.66

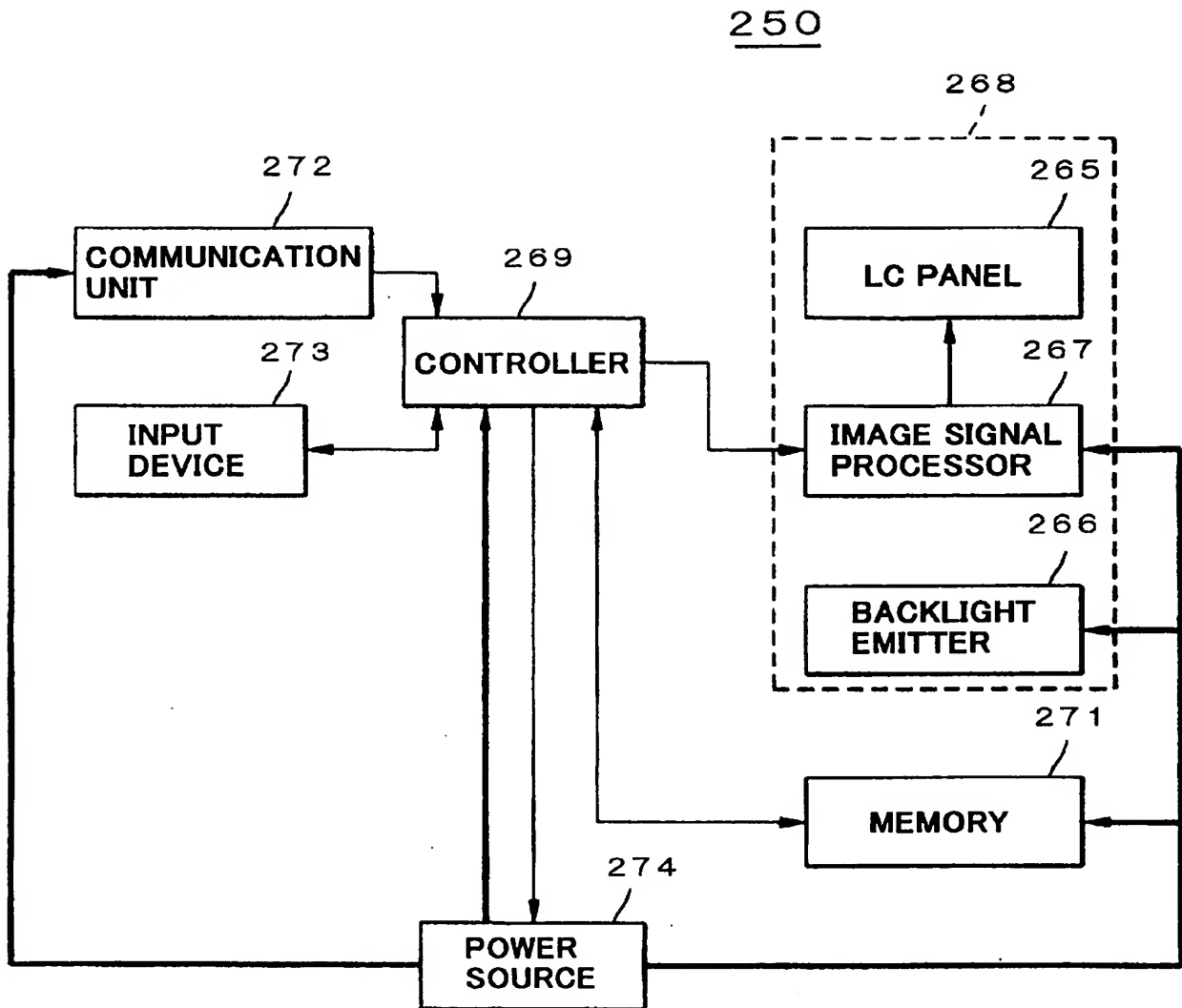


FIG.67

